

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137096.D
 Acq On : 17 Jan 2024 16:35
 Operator : CG\JU
 Sample : P1150-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-306-0-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 17 16:54:48 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	45000	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	164180	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	74856	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	126729	20.000	ng	0.00
76) Chrysene-d12	13.969	240	105394	20.000	ng	0.00
86) Perylene-d12	15.463	264	99234	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	26433	9.165	ng	0.00
7) Phenol-d6	6.440	99	29303	7.841	ng	0.00
23) Nitrobenzene-d5	7.345	82	17907	5.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	7355	8.343	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	39618	7.118	ng	-0.02
79) Terphenyl-d14	12.904	244	39115	5.186	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	50426	7.755	ng	99
75) Fluoranthene	12.533	202	82864	11.913	ng	100
78) Pyrene	12.763	202	67021	6.478	ng	98
81) Benzo(a)anthracene	13.963	228	38525	5.264	ng	98
83) Chrysene	13.998	228	42610	5.954	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	20182	2.817	ng	95
88) Benzo(b)fluoranthene	15.027	252	55863m	8.428	ng	
89) Benzo(k)fluoranthene	15.051	252	16586m	2.648	ng	
90) Benzo(a)pyrene	15.398	252	34896	6.237	ng	# 93
92) Benzo(g,h,i)perylene	17.457	276	18390	3.055	ng	97

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

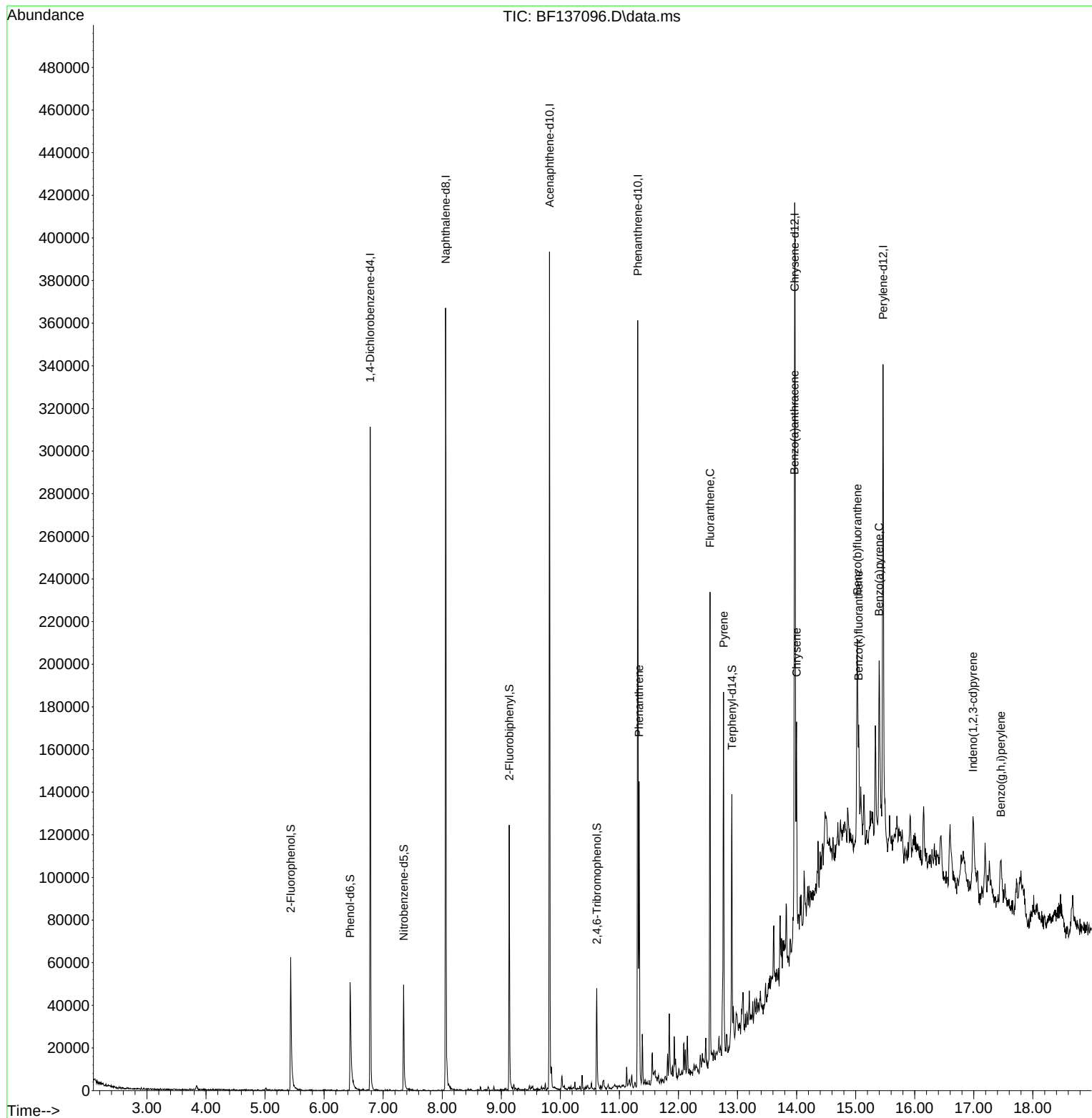
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

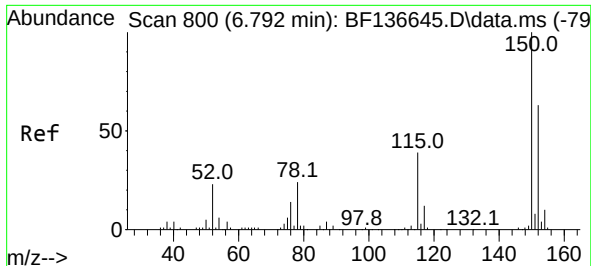
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Time: Jan 17 16:54:48 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
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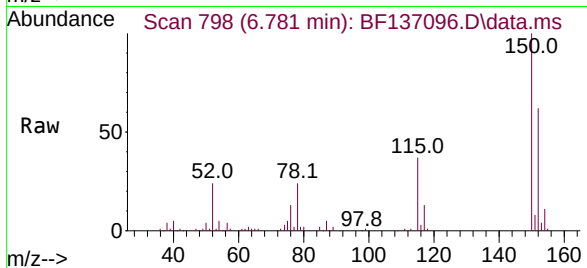
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

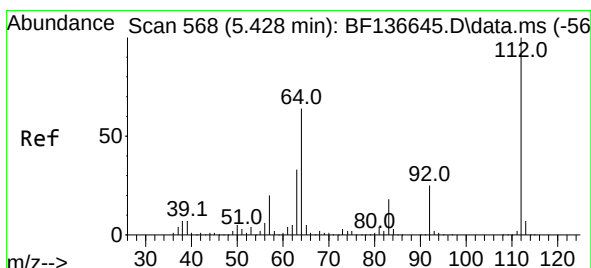
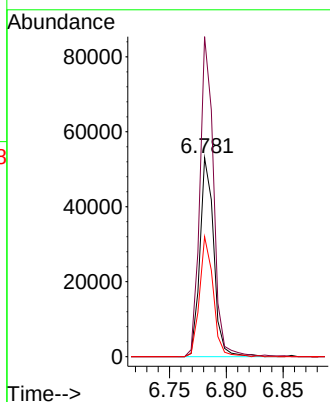
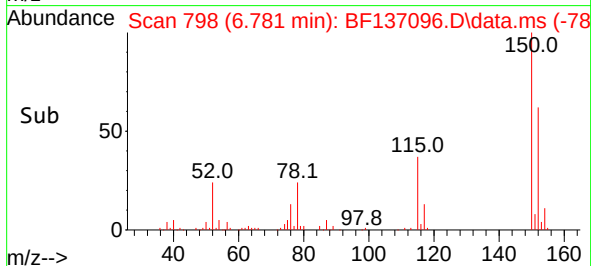
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2



Tgt Ion:152 Resp: 45000
Ion Ratio Lower Upper
152 100
150 160.9 127.0 190.6
115 60.3 49.0 73.4

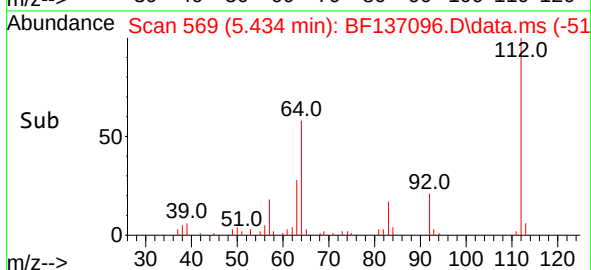
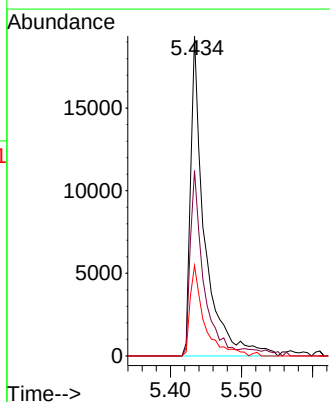
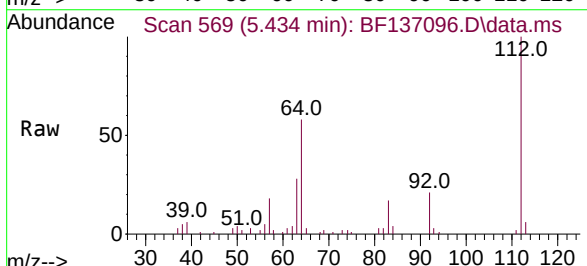
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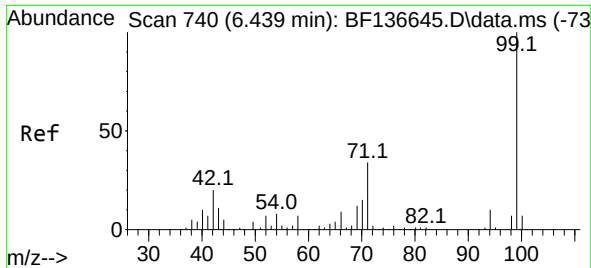
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#5
2-Fluorophenol
Concen: 9.165 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

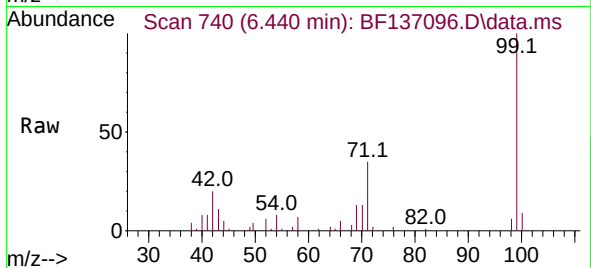
Tgt Ion:112 Resp: 26433
Ion Ratio Lower Upper
112 100
64 57.9 51.1 76.7
63 28.2 26.1 39.1





#7
Phenol-d6
Concen: 7.841 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

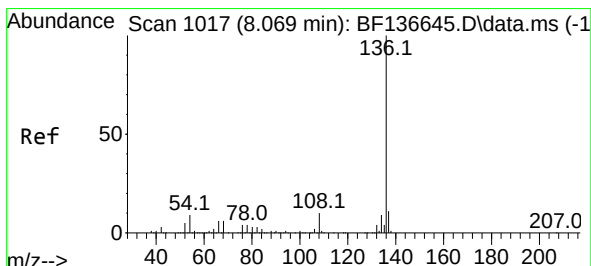
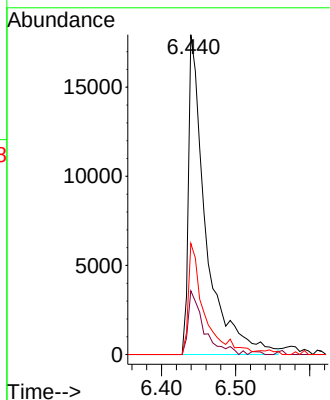
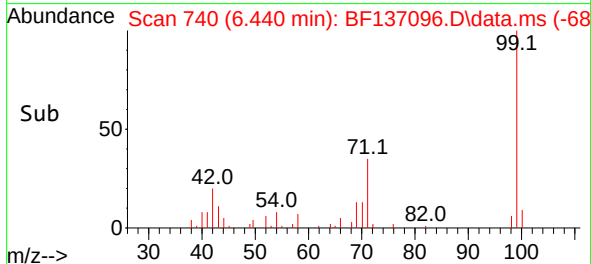
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2



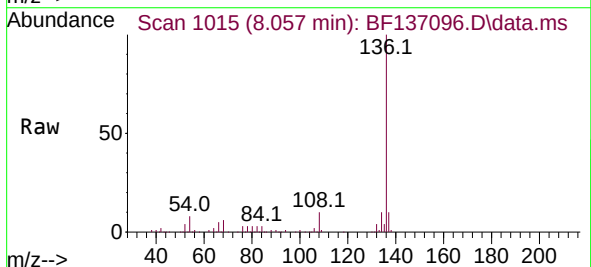
Tgt Ion: 99 Resp: 29303
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 34.7 27.4 41.2

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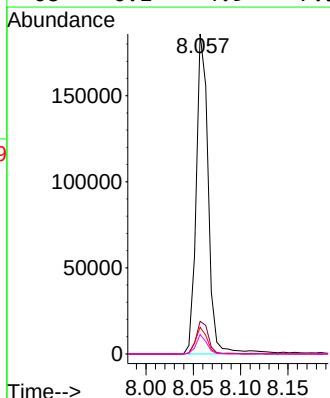
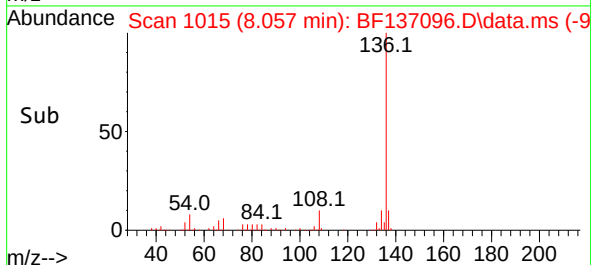
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

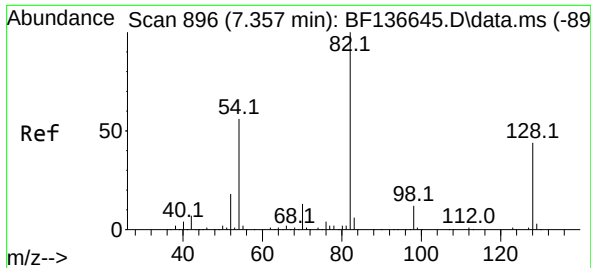


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35



Tgt Ion:136 Resp: 164180
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 8.3 7.2 10.8
68 6.1 4.9 7.3





#23
Nitrobenzene-d5
Concen: 5.581 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Instrument :

BNA_F

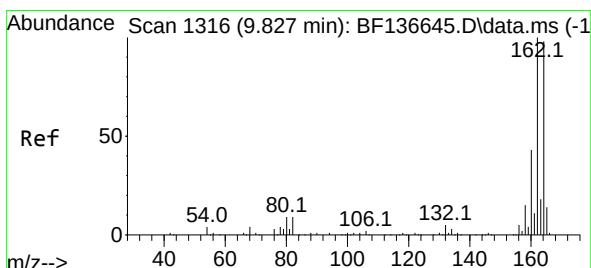
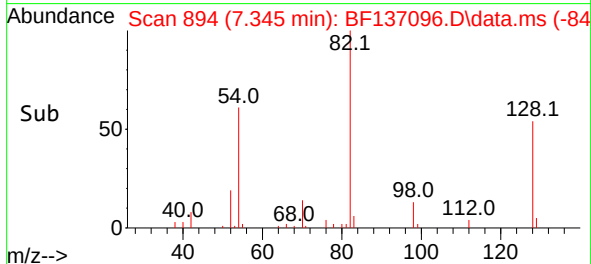
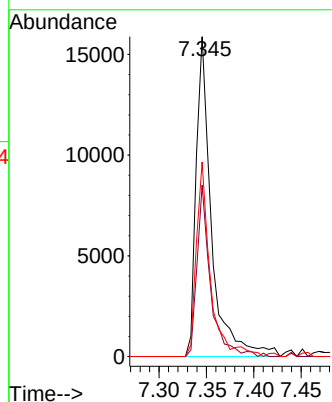
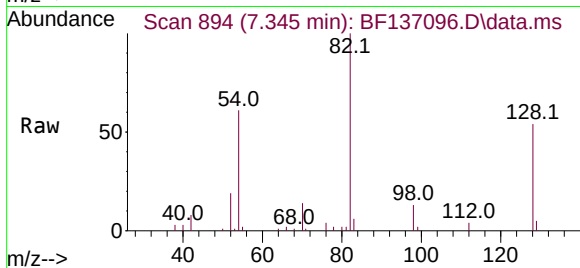
ClientSampleId :

MR-306-0-2

Tgt Ion: 82 Resp: 1790
Ion Ratio Lower Upper
82 100
128 53.6 35.3 52.9
54 60.8 44.5 66.7

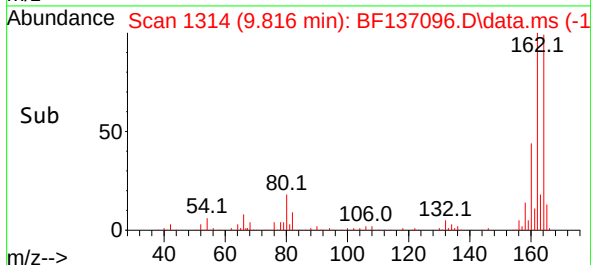
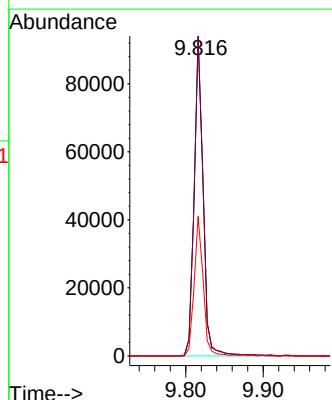
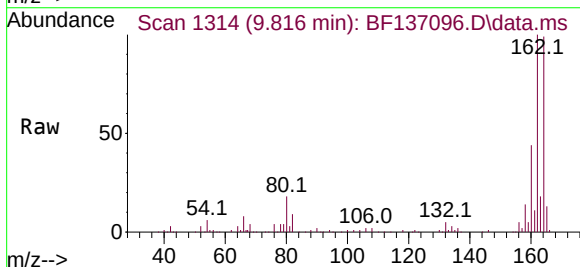
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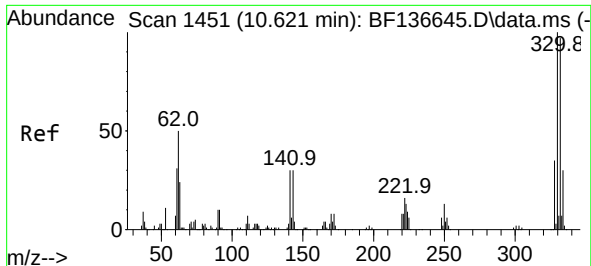
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Tgt Ion:164 Resp: 74856
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 44.0 34.9 52.3





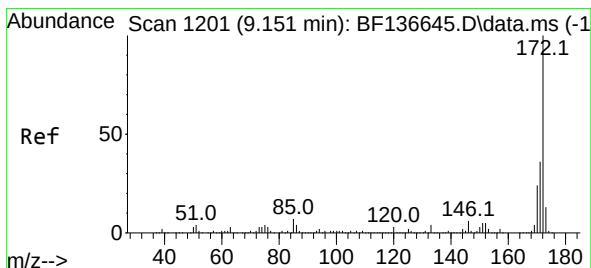
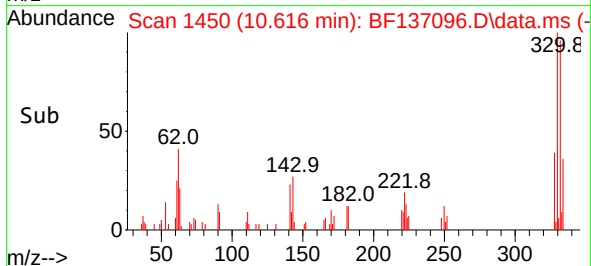
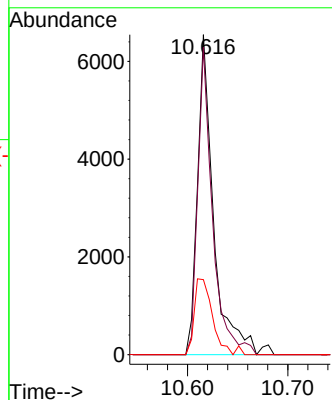
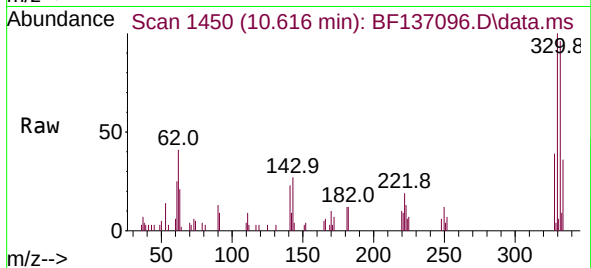
#42
2,4,6-Tribromophenol
Concen: 8.343 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Tgt Ion: 330 Resp: 735
Ion Ratio Lower Upper
330 100
332 87.2 77.4 116.0
141 26.7 23.4 35.2

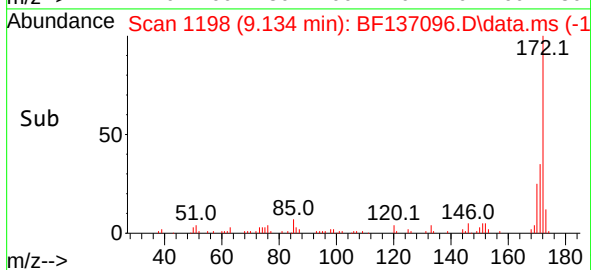
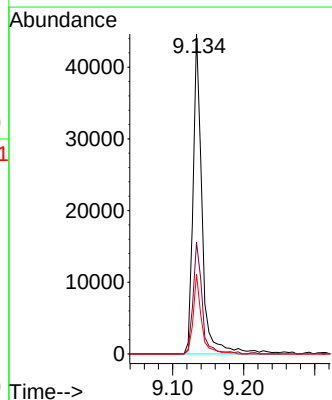
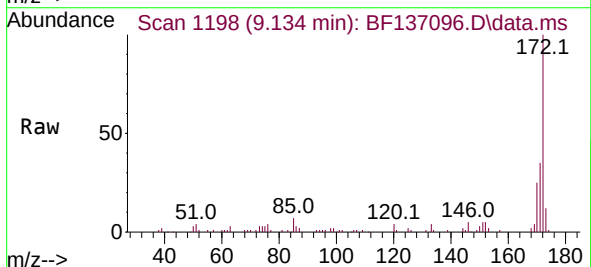
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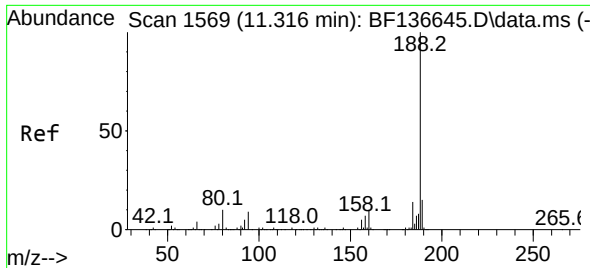
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#45
2-Fluorobiphenyl
Concen: 7.118 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

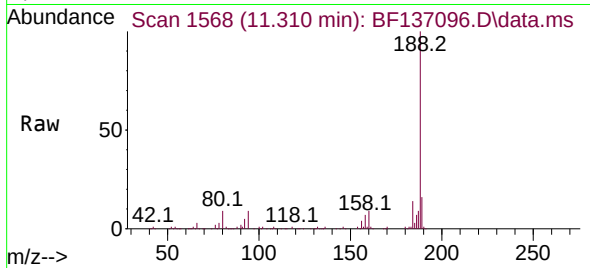
Tgt Ion: 172 Resp: 39618
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 24.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

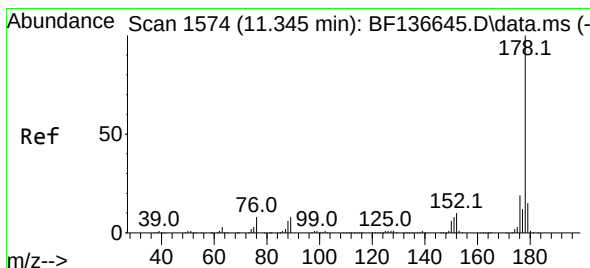
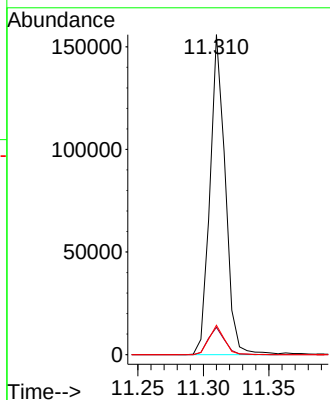
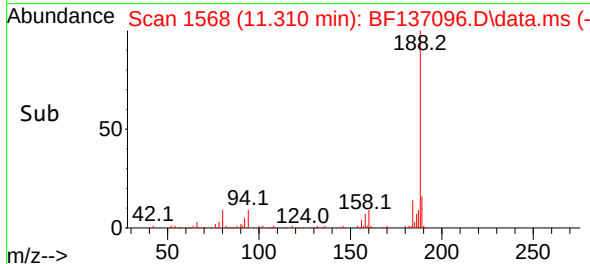
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2



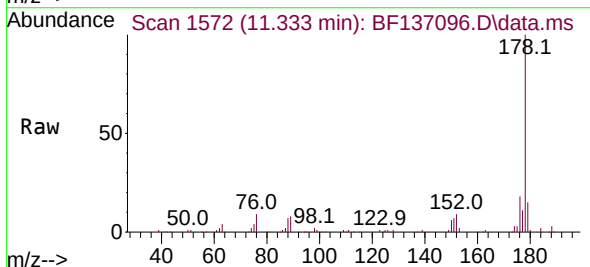
Tgt Ion:188 Resp: 126729
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.2 8.1 12.1

Manual Integrations
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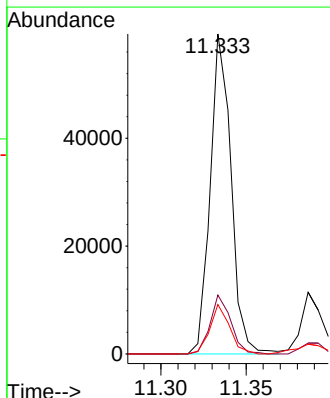
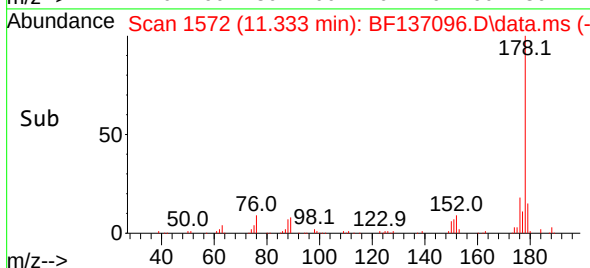
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

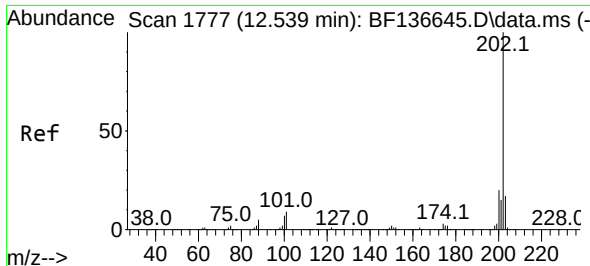


#71
Phenanthrene
Concen: 7.755 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35



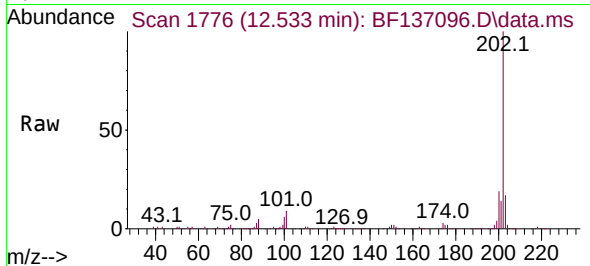
Tgt Ion:178 Resp: 50426
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.4 11.9 17.9





#75
Fluoranthene
Concen: 11.913 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

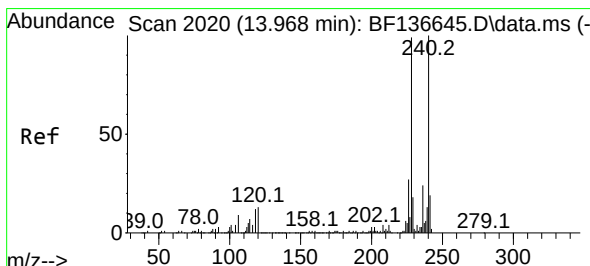
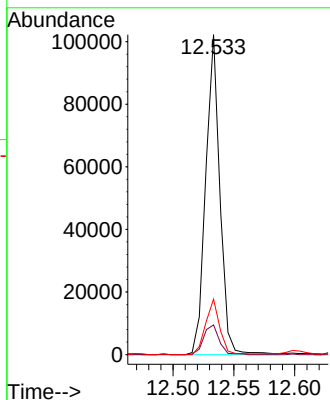
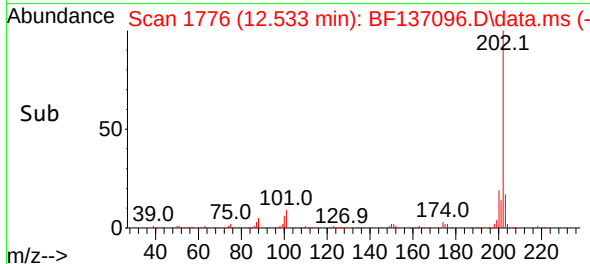
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2



Tgt Ion:202 Resp: 82864
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.3 0.0 37.1

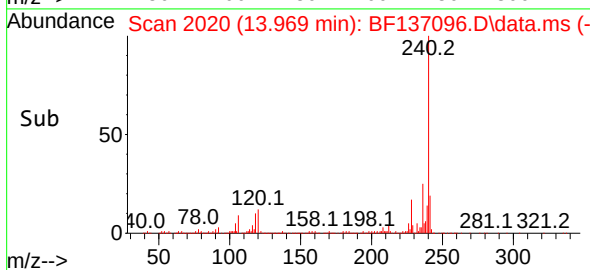
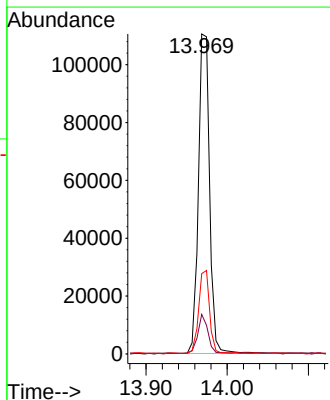
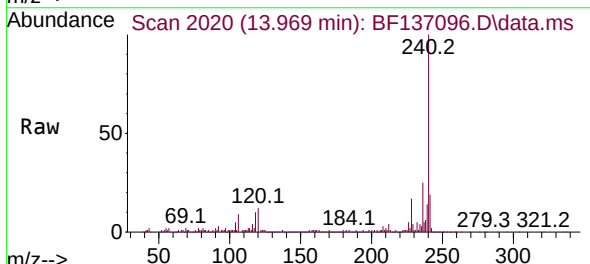
Manual Integrations
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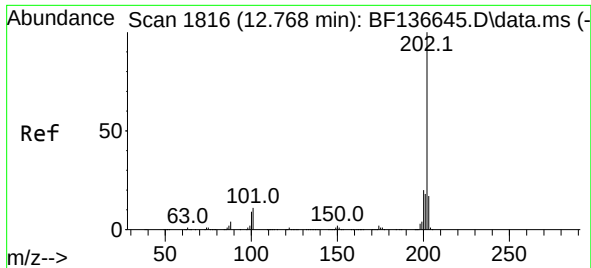
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

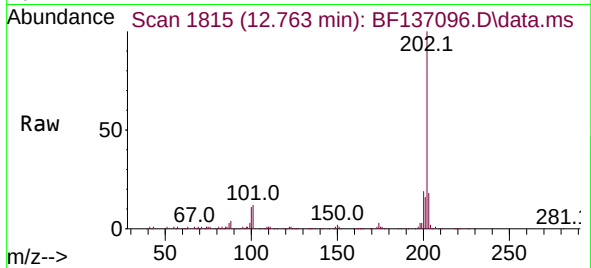
Tgt Ion:240 Resp: 105394
Ion Ratio Lower Upper
240 100
120 12.3 10.3 15.5
236 25.1 19.4 29.2





#78
Pyrene
Concen: 6.478 ng
RT: 12.763 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

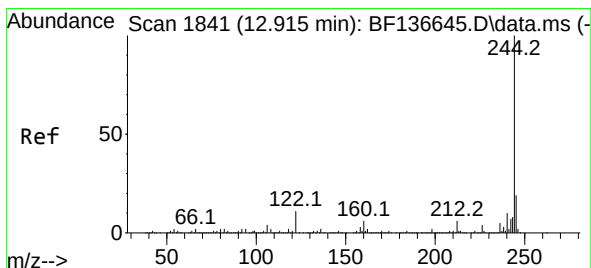
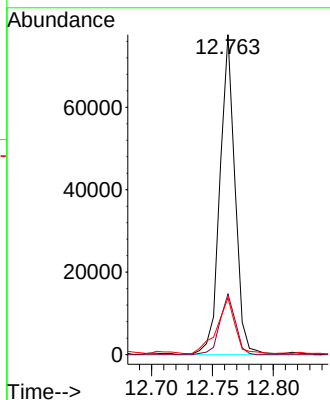
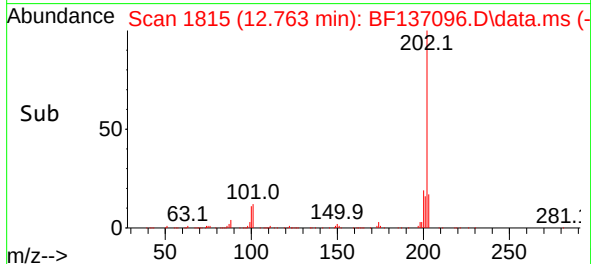
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2



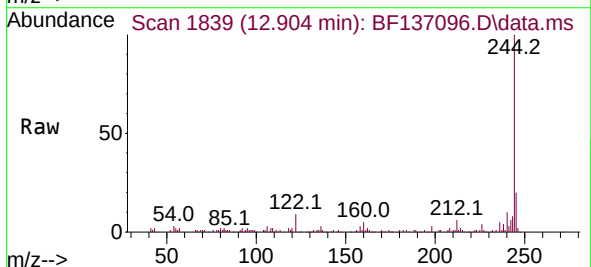
Tgt Ion:202 Resp: 67021
Ion Ratio Lower Upper
202 100
200 18.9 15.9 23.9
203 17.7 13.8 20.6

Manual Integrations
APPROVED

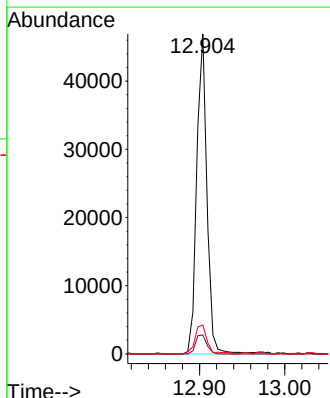
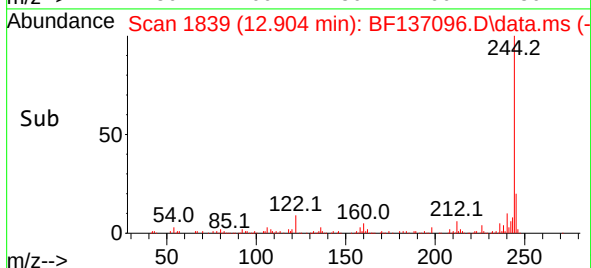
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

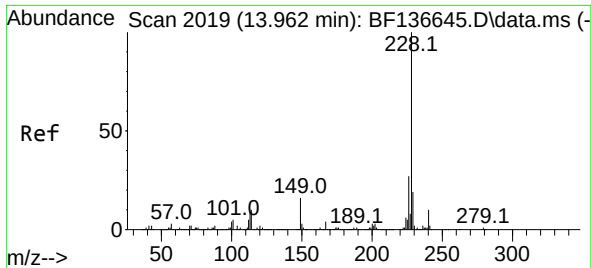


#79
Terphenyl-d14
Concen: 5.186 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35



Tgt Ion:244 Resp: 39115
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 9.0 9.0 13.4





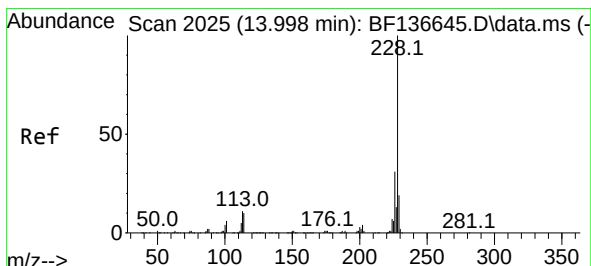
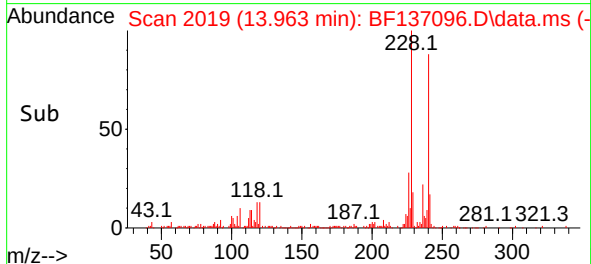
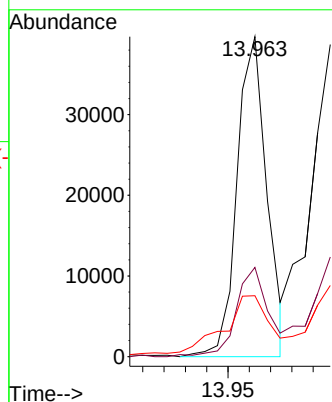
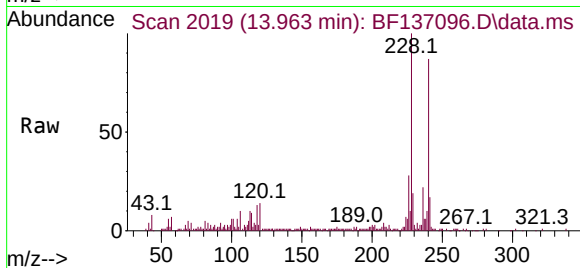
#81
Benzo(a)anthracene
Concen: 5.264 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Tgt Ion:228 Resp: 38525
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 19.0 14.9 22.3

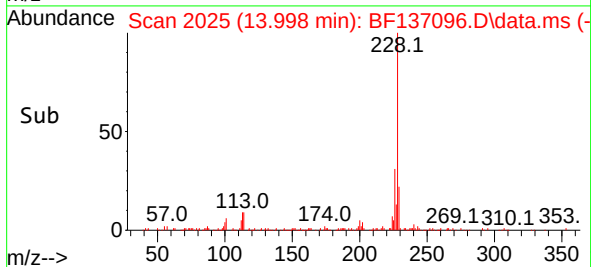
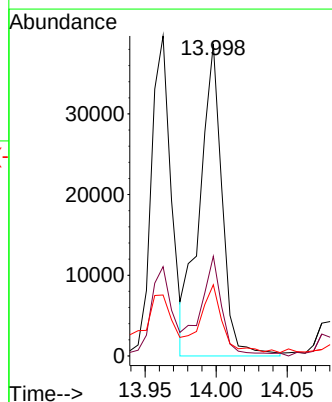
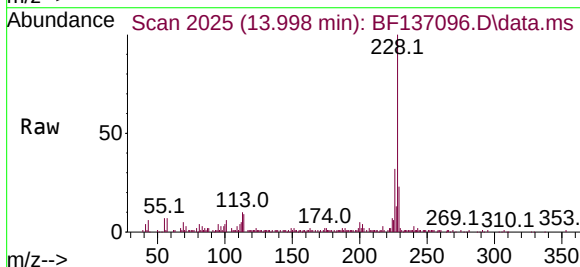
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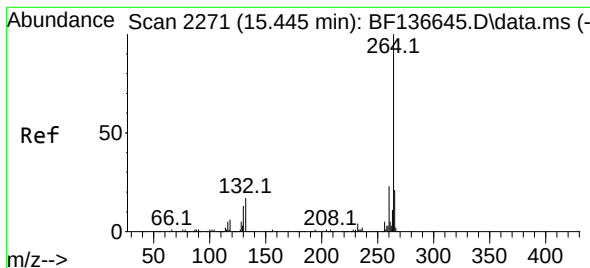
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#83
Chrysene
Concen: 5.954 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Tgt Ion:228 Resp: 42610
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 22.8 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137096.D

Acq: 17 Jan 2024 16:35

Instrument :

BNA_F

ClientSampleId :

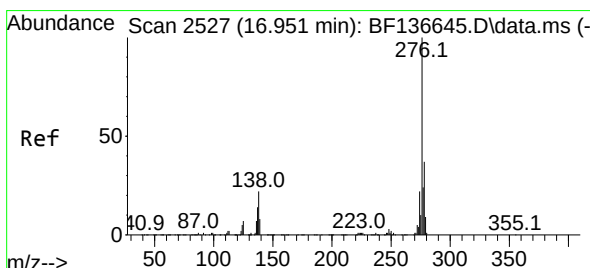
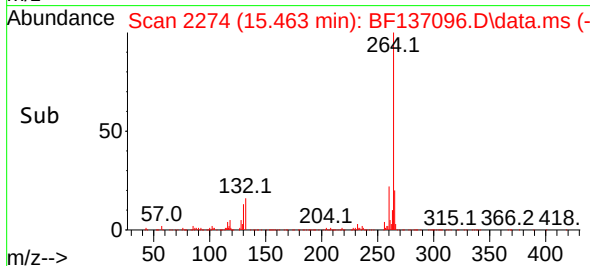
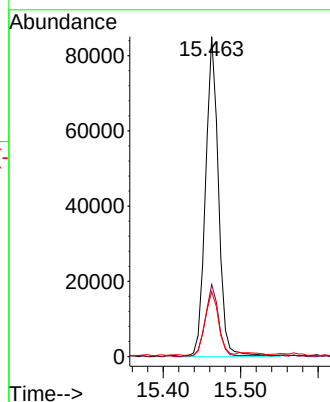
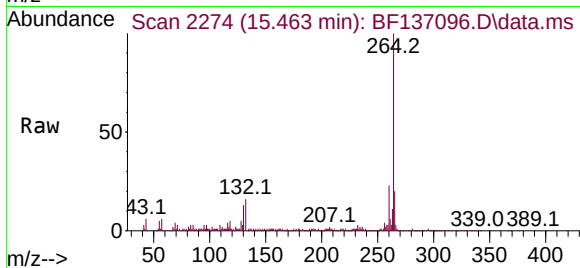
MR-306-0-2

Tgt Ion:	264	Resp:	99234
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.3	27.5
265	20.3	17.0	25.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.817 ng

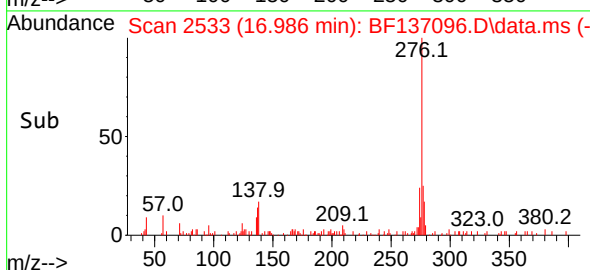
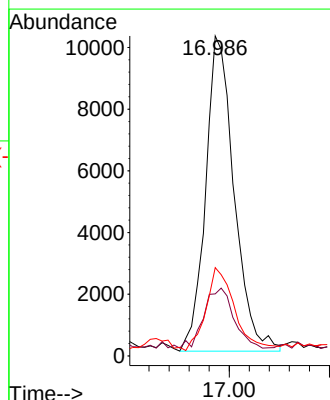
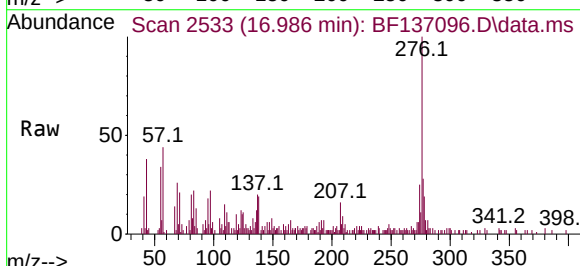
RT: 16.986 min Scan# 2533

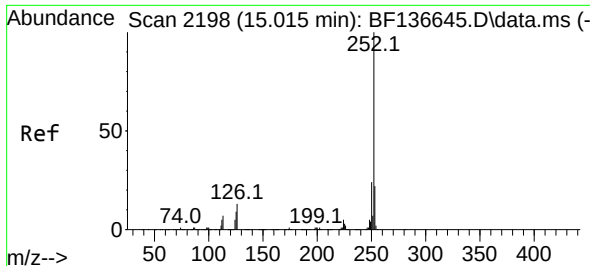
Delta R.T. 0.035 min

Lab File: BF137096.D

Acq: 17 Jan 2024 16:35

Tgt Ion:	276	Resp:	20182
Ion Ratio	Lower	Upper	
276	100		
138	19.8	18.7	28.1
277	26.6	20.2	30.2





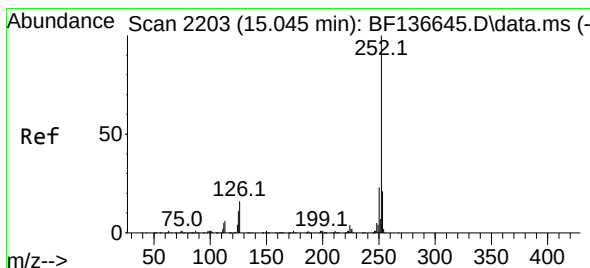
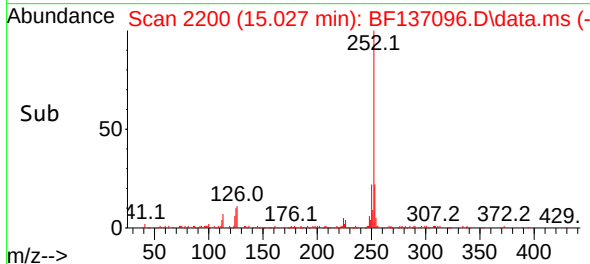
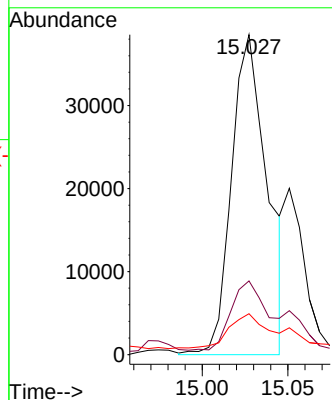
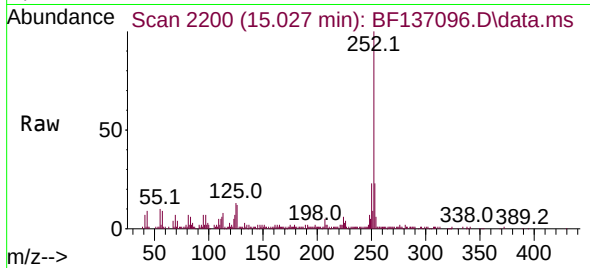
#88
Benzo(b)fluoranthene
Concen: 8.428 ng m
RT: 15.027 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Tgt Ion:252 Resp: 55863
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 12.8 7.4 11.2

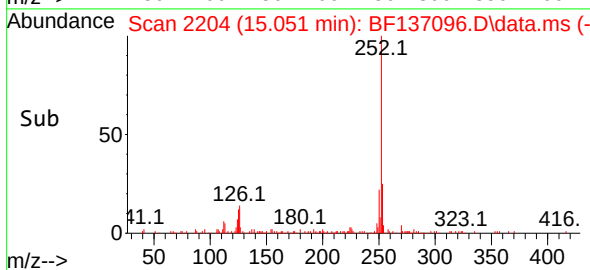
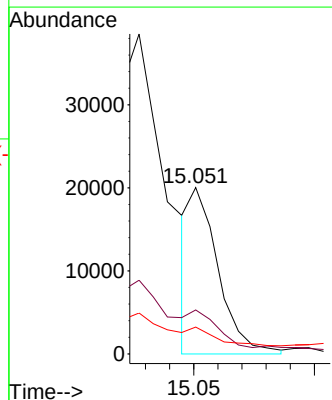
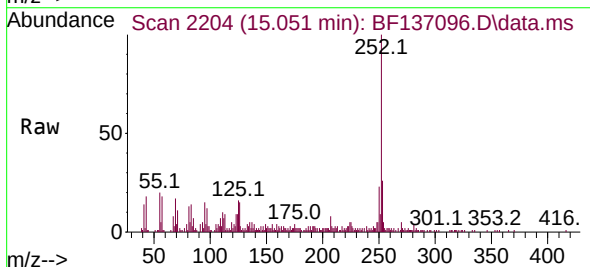
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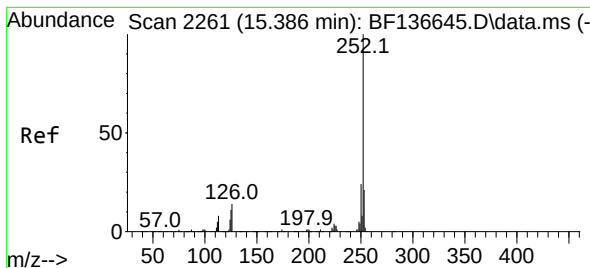
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#89
Benzo(k)fluoranthene
Concen: 2.648 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF137096.D
Acq: 17 Jan 2024 16:35

Tgt Ion:252 Resp: 16586
Ion Ratio Lower Upper
252 100
253 26.4 17.0 25.6#
125 16.1 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 6.237 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137096.D

Acq: 17 Jan 2024 16:35

Instrument :

BNA_F

ClientSampleId :

MR-306-0-2

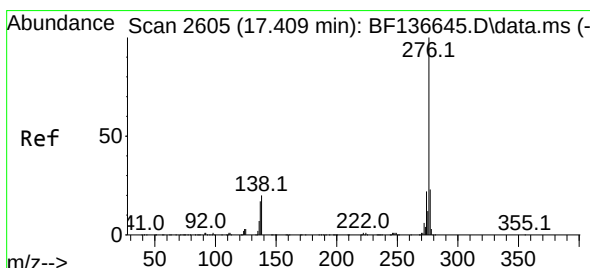
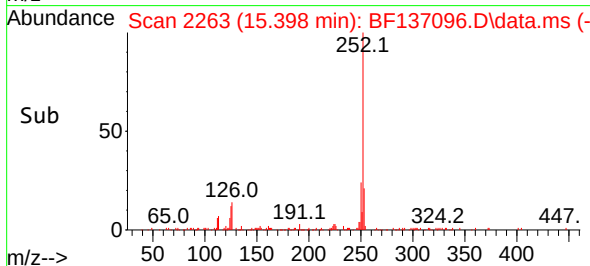
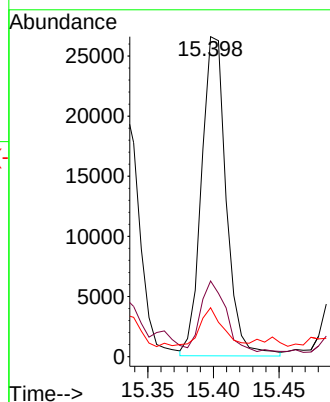
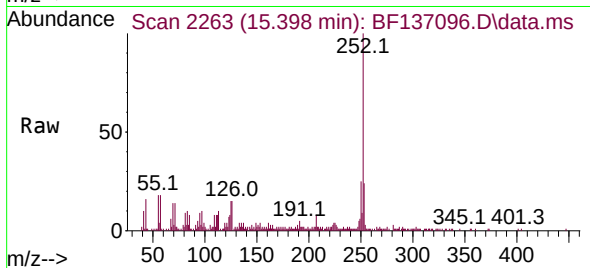
Tgt Ion:252 Resp: 34896

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.3	8.8	13.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#92

Benzo(g,h,i)perylene

Concen: 3.055 ng

RT: 17.457 min Scan# 2613

Delta R.T. 0.047 min

Lab File: BF137096.D

Acq: 17 Jan 2024 16:35

Tgt Ion:276 Resp: 18390

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	22.4	15.6	23.4

