

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137095.D
 Acq On : 17 Jan 2024 16:06
 Operator : CG\JU
 Sample : P1152-03 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 16:29:44 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	58554	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	223087	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	109365	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	171150	20.000	ng	0.00
76) Chrysene-d12	13.968	240	121246	20.000	ng	0.00
86) Perylene-d12	15.462	264	107681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	161487	43.031	ng	0.00
7) Phenol-d6	6.434	99	204137	41.980	ng	0.00
23) Nitrobenzene-d5	7.345	82	123624	28.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	49665	38.559	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	264967	32.586	ng	-0.02
79) Terphenyl-d14	12.904	244	211021	24.322	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	24304	2.768	ng	98
75) Fluoranthene	12.533	202	33763	3.594	ng	97
78) Pyrene	12.763	202	36584	3.074	ng	99
81) Benzo(a)anthracene	13.963	228	18222	2.164	ng	# 89
83) Chrysene	13.998	228	18771	2.280	ng	# 95
88) Benzo(b)fluoranthene	15.027	252	26742m	3.718	ng	
90) Benzo(a)pyrene	15.404	252	18342	3.021	ng	# 87

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

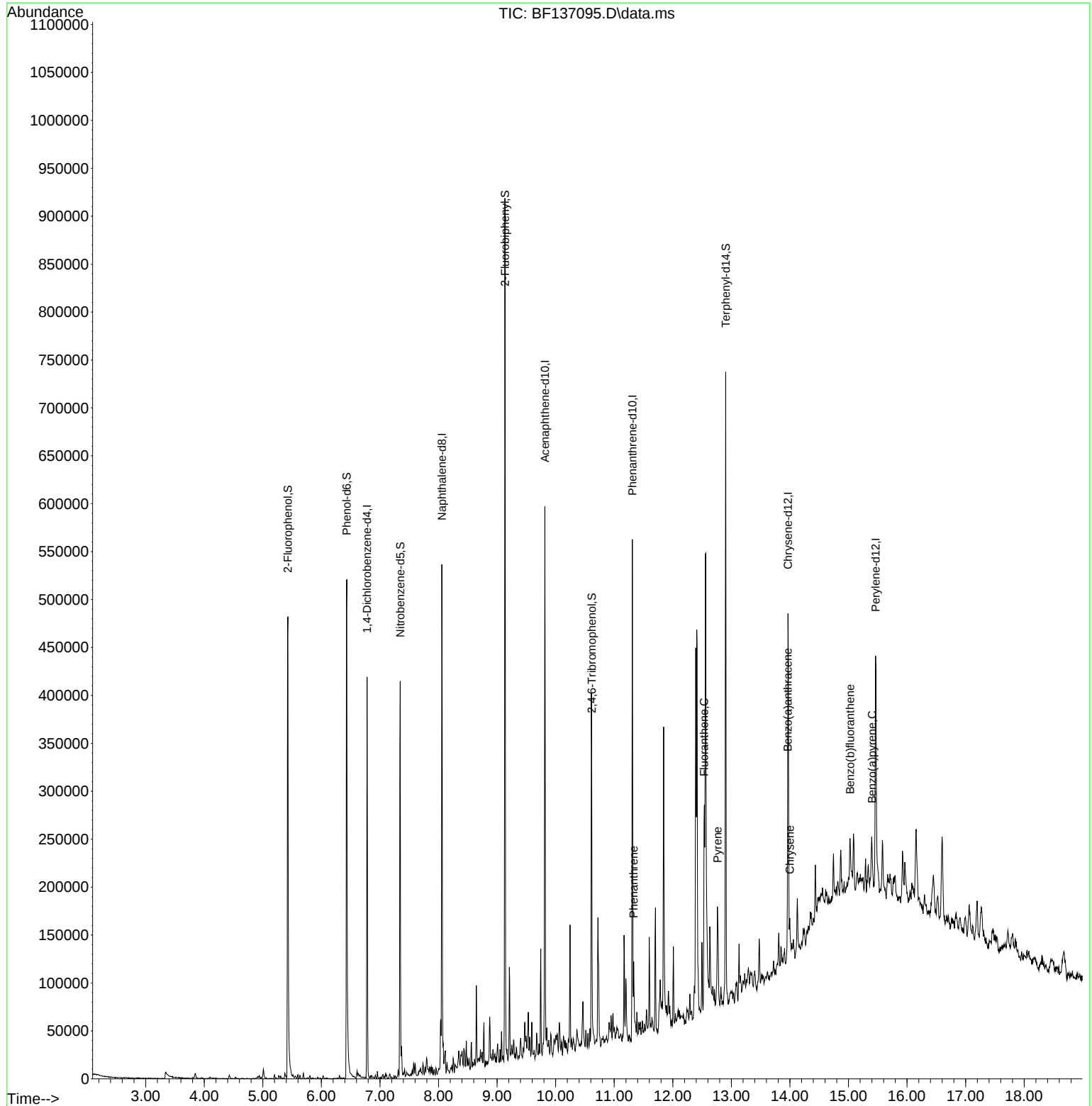
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137095.D
Acq On : 17 Jan 2024 16:06
Operator : CG\JU
Sample : P1152-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

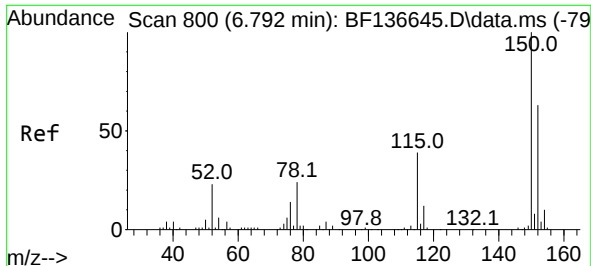
Instrument :
BNA_F
ClientSampleId :
275

Manual Integrations
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Supervised By :mohammad ahmed 01/19/2024

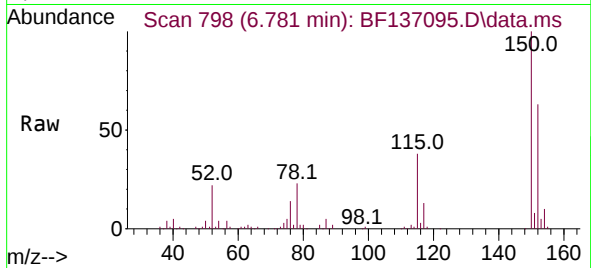
Quant Time: Jan 17 16:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

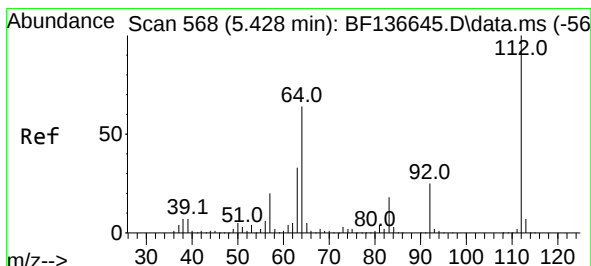
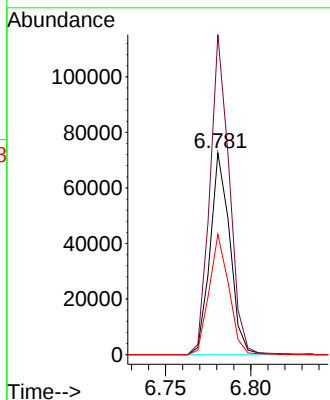
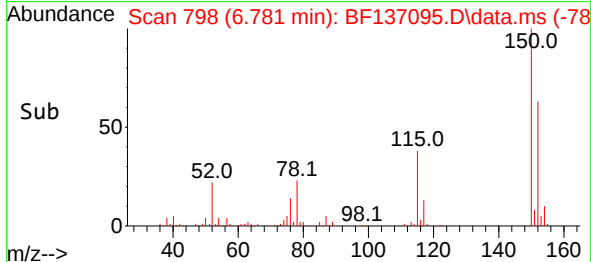
Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:152 Resp: 58554
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 59.6 49.0 73.4

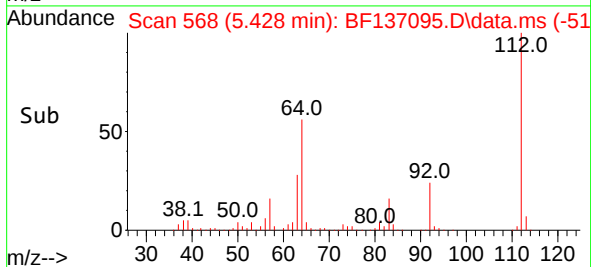
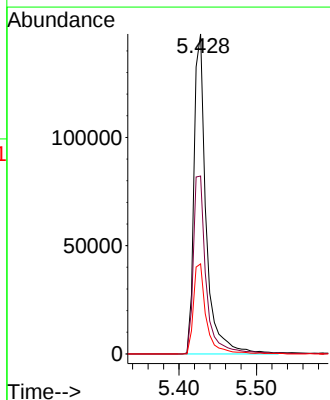
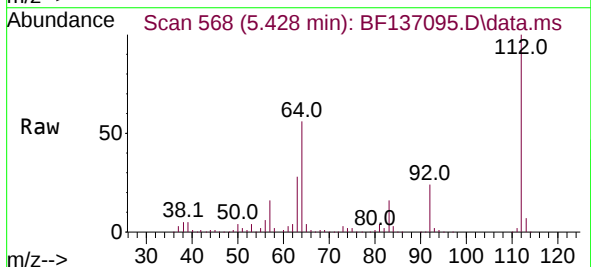
Manual Integrations
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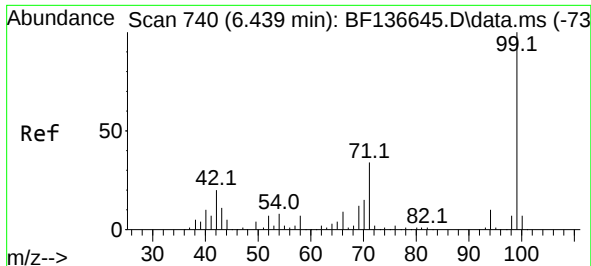
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#5
2-Fluorophenol
Concen: 43.031 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

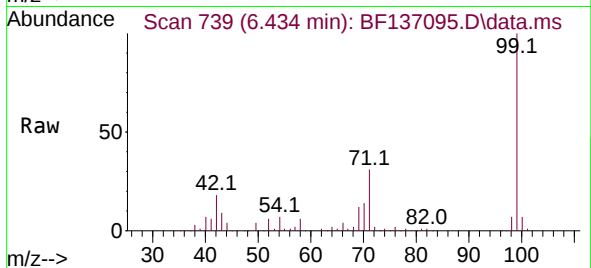
Tgt Ion:112 Resp: 161487
Ion Ratio Lower Upper
112 100
64 55.6 51.1 76.7
63 28.1 26.1 39.1





#7
Phenol-d6
Concen: 41.980 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

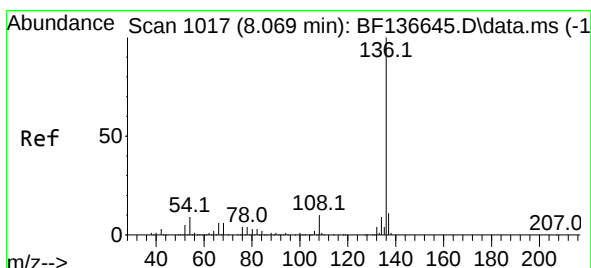
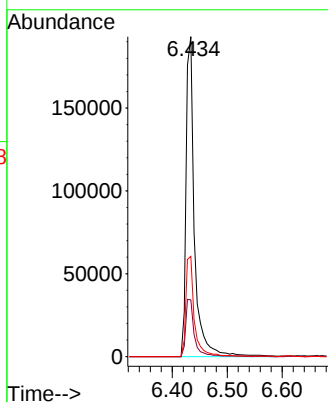
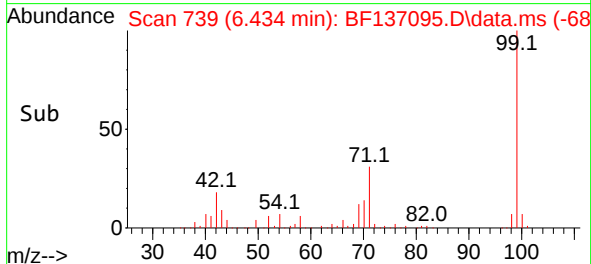
Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion: 99 Resp: 204137
Ion Ratio Lower Upper
99 100
42 17.7 16.1 24.1
71 31.3 27.4 41.2

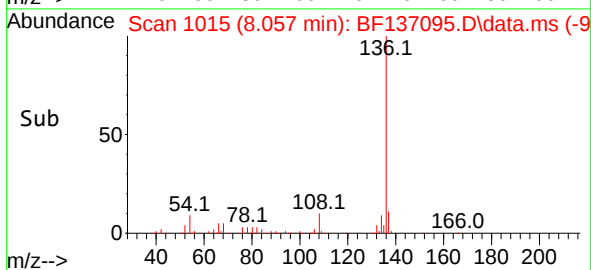
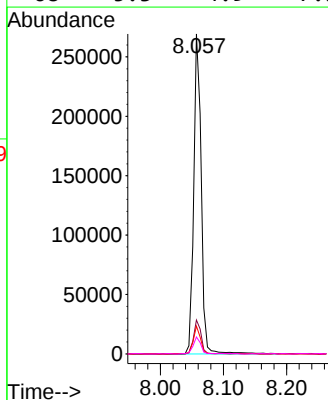
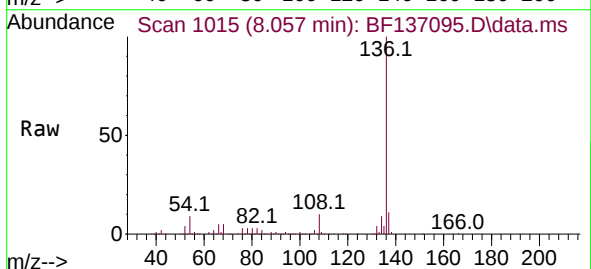
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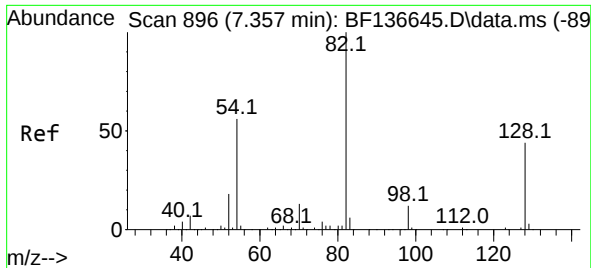
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

Tgt Ion:136 Resp: 223087
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.7 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 28.357 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137095.D

Acq: 17 Jan 2024 16:06

Instrument :

BNA_F

ClientSampleId :

275

Tgt Ion: 82 Resp: 123624

Ion Ratio Lower Upper

82 100

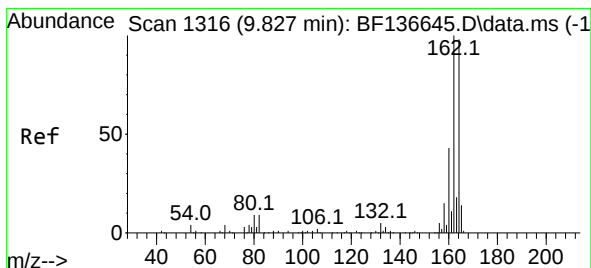
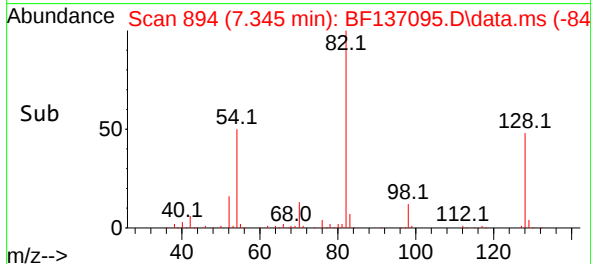
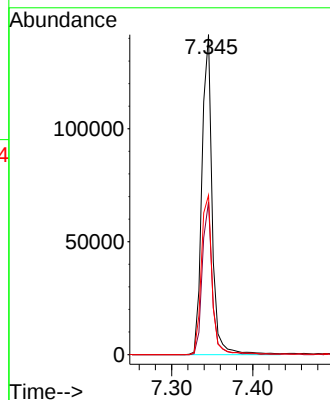
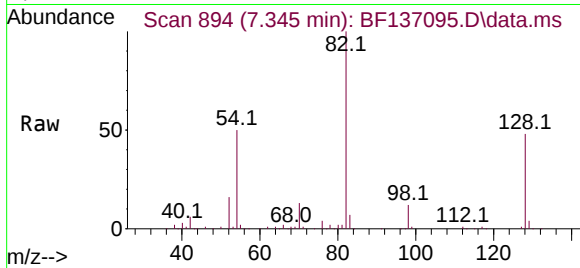
128 47.7 35.3 52.9

54 49.8 44.5 66.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137095.D

Acq: 17 Jan 2024 16:06

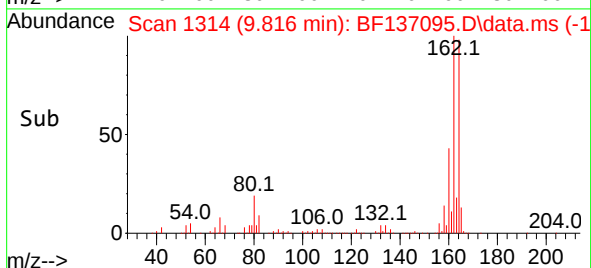
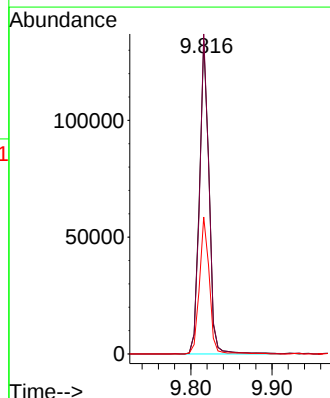
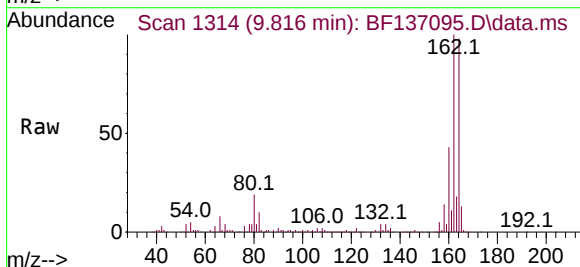
Tgt Ion:164 Resp: 109365

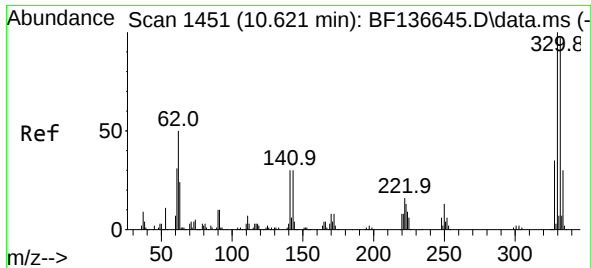
Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

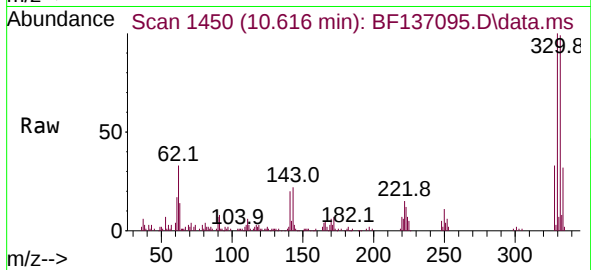
160 43.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 38.559 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

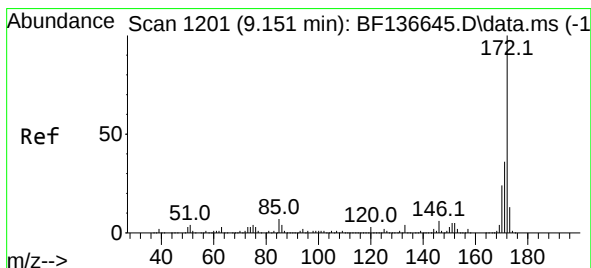
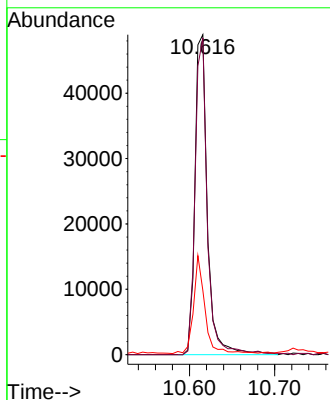
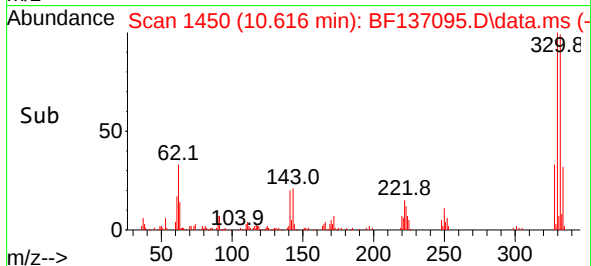
Instrument : BNA_F
ClientSampleId : 275



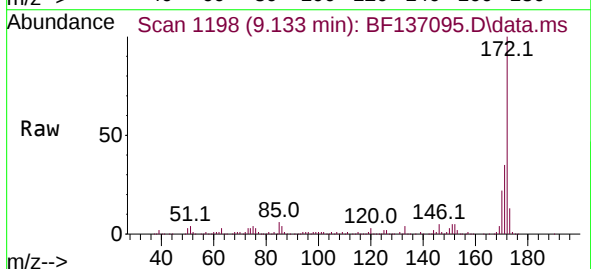
Tgt Ion: 330 Resp: 49665
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 27.8 23.4 35.2

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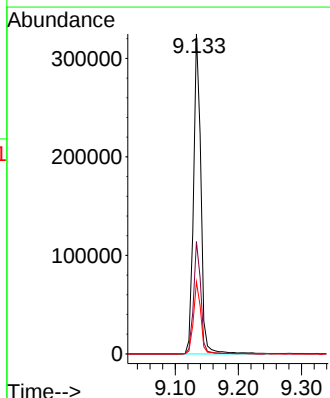
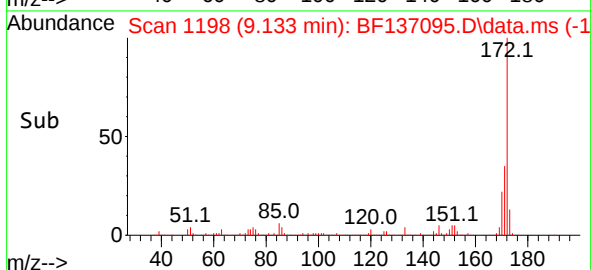
Reviewed By : Jagrut Upadhyay 01/18/2024
Supervised By : mohammad ahmed 01/19/2024

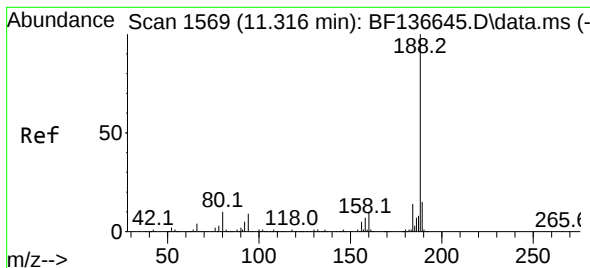


#45
2-Fluorobiphenyl
Concen: 32.586 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06



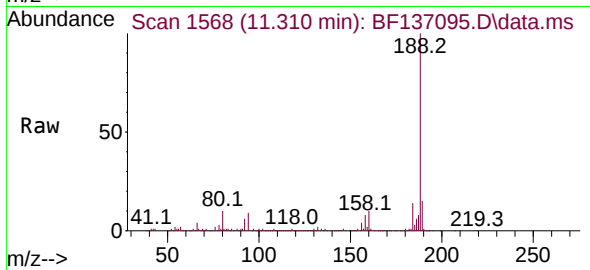
Tgt Ion: 172 Resp: 264967
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 22.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

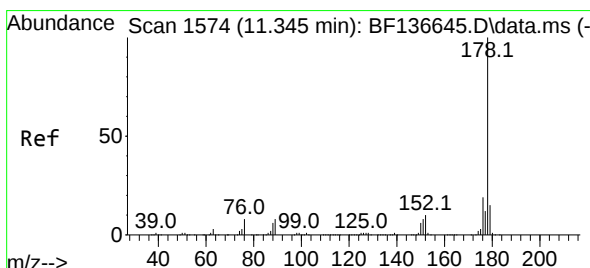
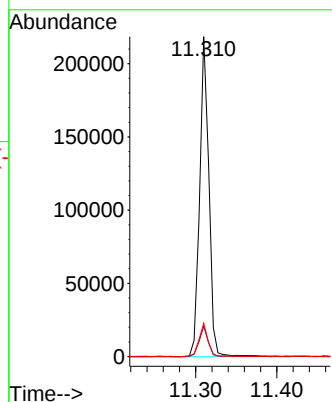
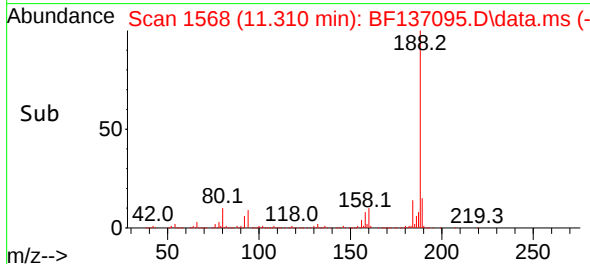
Instrument :
BNA_F
ClientSampleId :
275



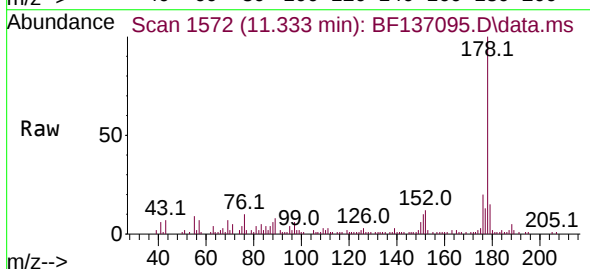
Tgt Ion:188 Resp: 171150
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.4 8.1 12.1

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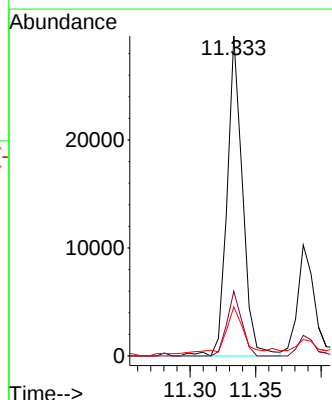
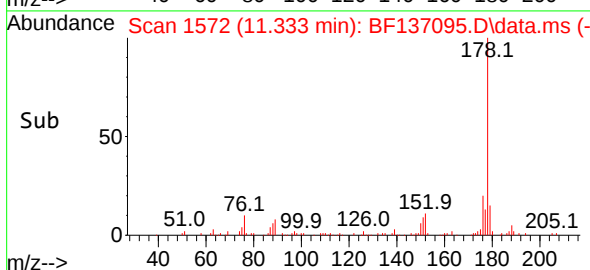
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

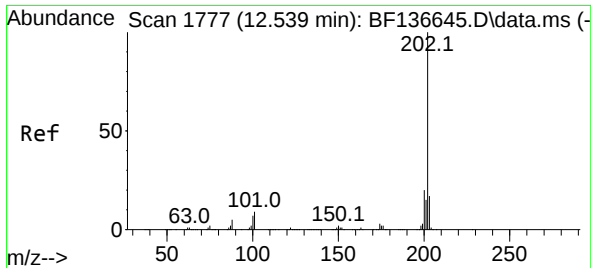


#71
Phenanthrene
Concen: 2.768 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06



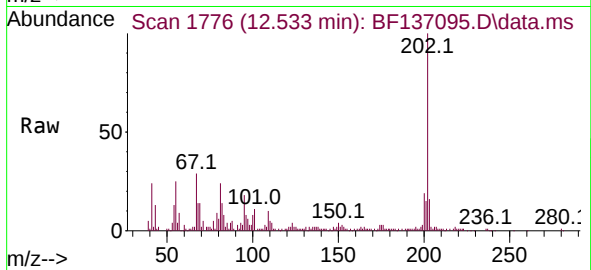
Tgt Ion:178 Resp: 24304
Ion Ratio Lower Upper
178 100
176 20.2 15.3 22.9
179 15.3 11.9 17.9





#75
Fluoranthene
Concen: 3.594 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

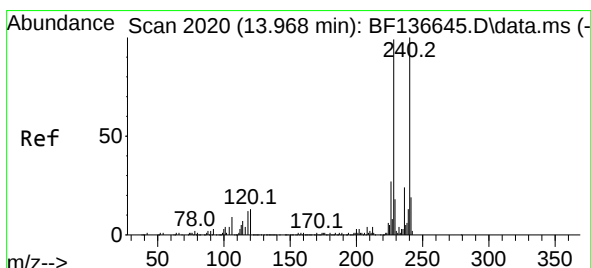
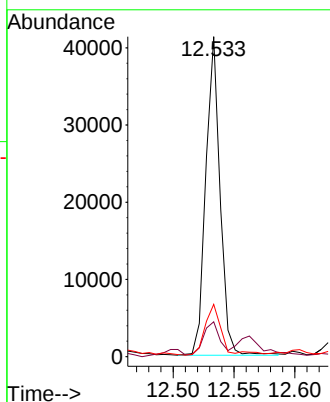
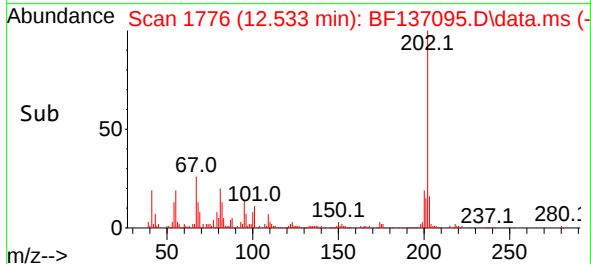
Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:202 Resp: 33763
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.3
203 16.3 0.0 37.1

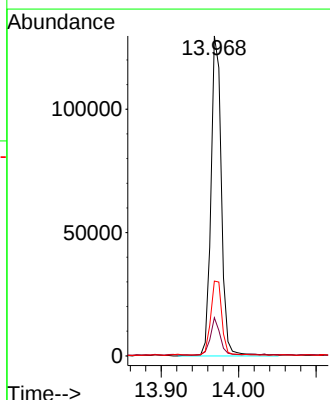
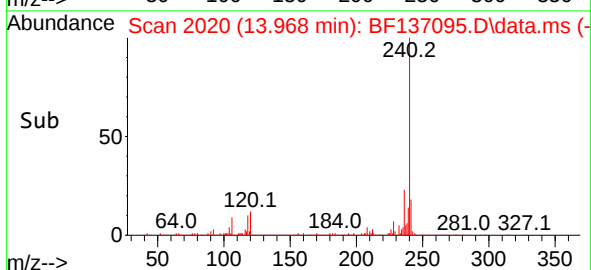
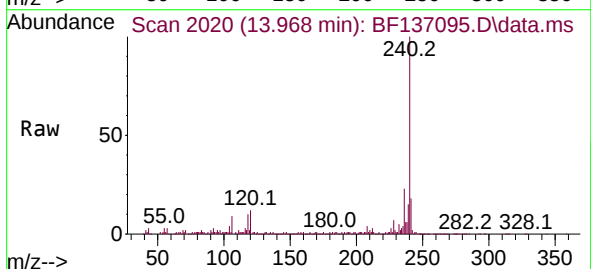
Manual Integrations
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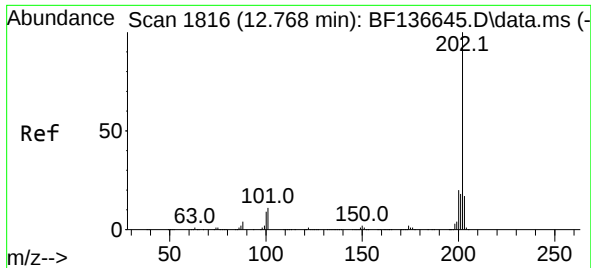
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

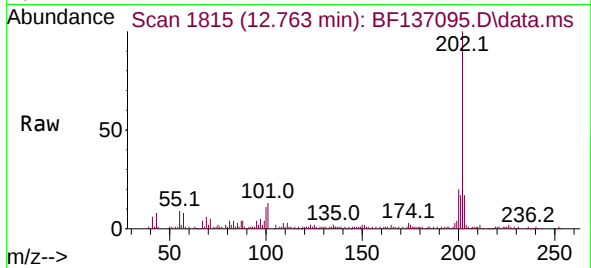
Tgt Ion:240 Resp: 121246
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 23.4 19.4 29.2





#78
Pyrene
Concen: 3.074 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

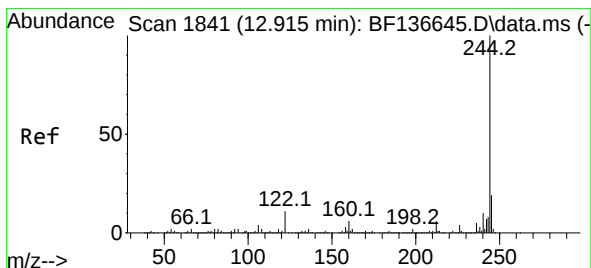
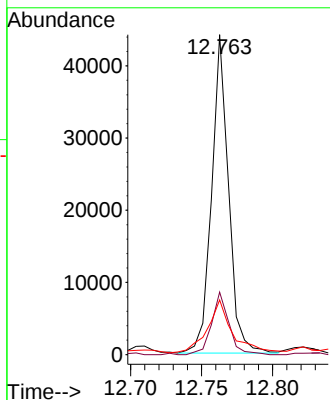
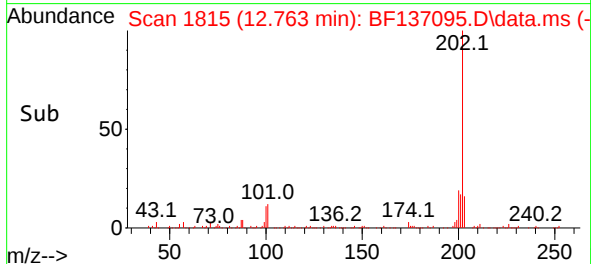
Instrument :
BNA_F
ClientSampleId :
275



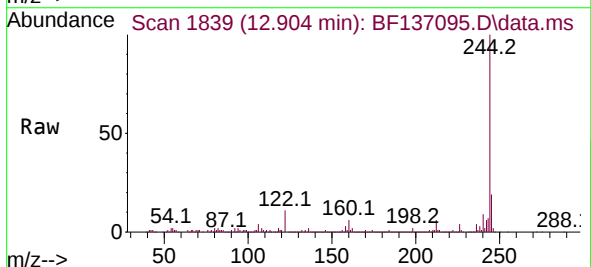
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Ion Ratio Lower Upper
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200 19.5 15.9 23.9
203 17.1 13.8 20.6

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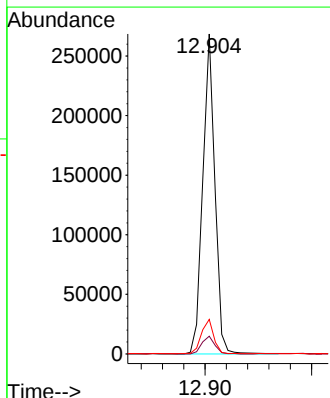
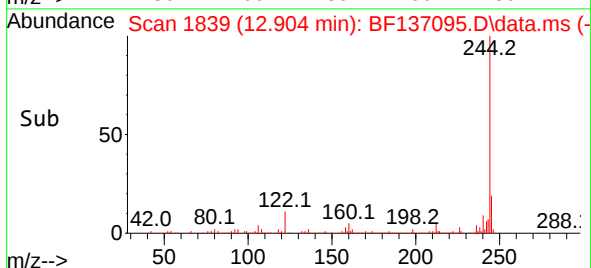
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

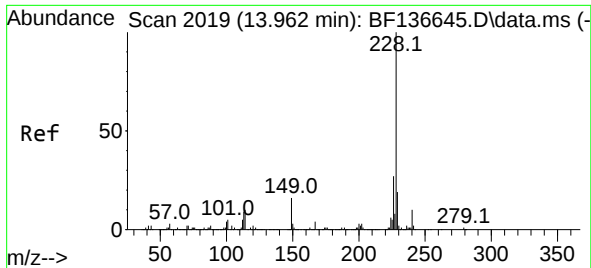


#79
Terphenyl-d14
Concen: 24.322 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06



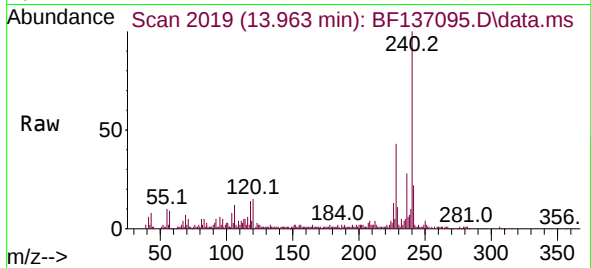
Tgt Ion:244 Resp: 211021
Ion Ratio Lower Upper
244 100
212 5.5 5.0 7.4
122 10.8 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.164 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

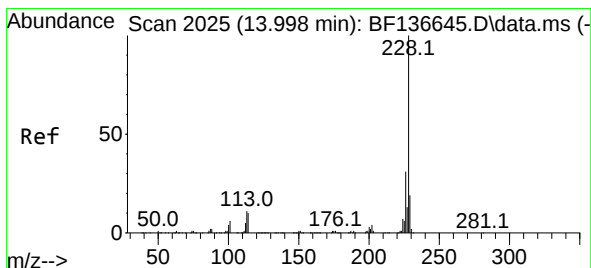
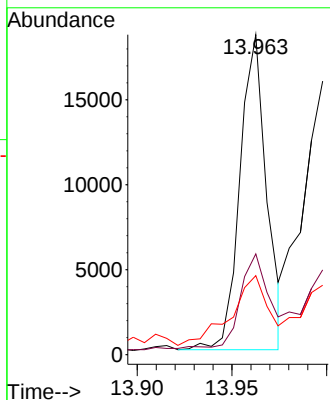
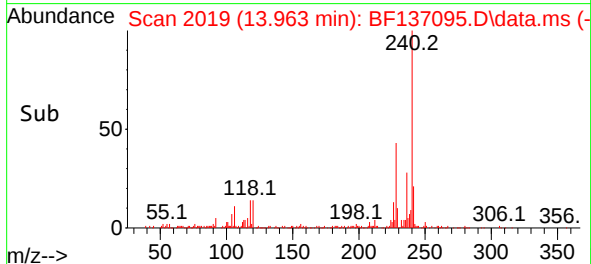
Instrument :
BNA_F
ClientSampleId :
275



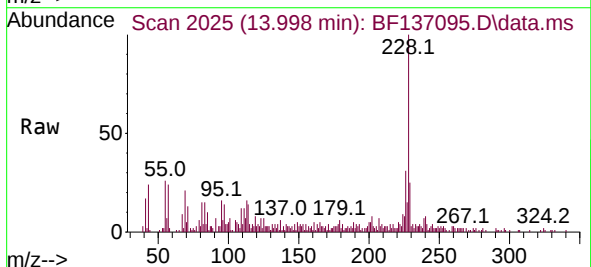
Tgt Ion:228 Resp: 18222
Ion Ratio Lower Upper
228 100
226 31.5 21.4 32.0
229 24.7 14.9 22.3

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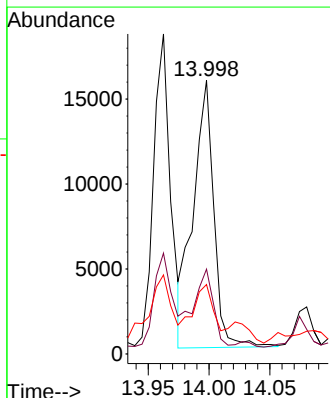
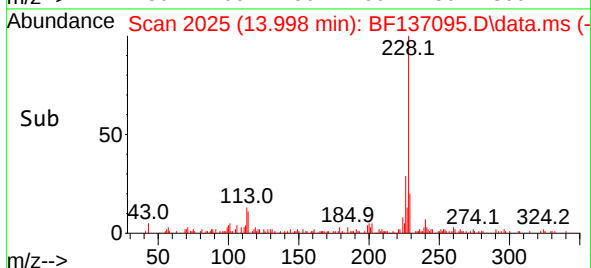
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

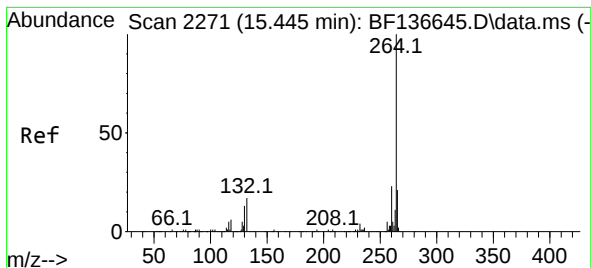


#83
Chrysene
Concen: 2.280 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06



Tgt Ion:228 Resp: 18771
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 25.4 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2275

Delta R.T. 0.018 min

Lab File: BF137095.D

Acq: 17 Jan 2024 16:06

Instrument :

BNA_F

ClientSampleId :

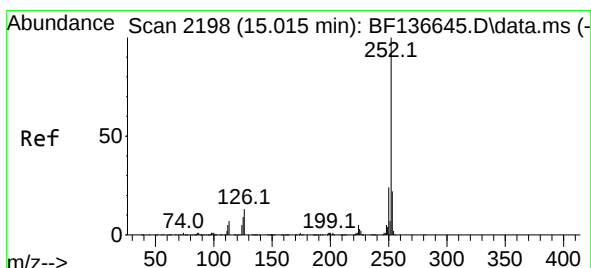
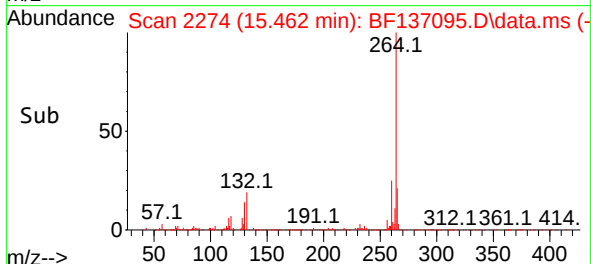
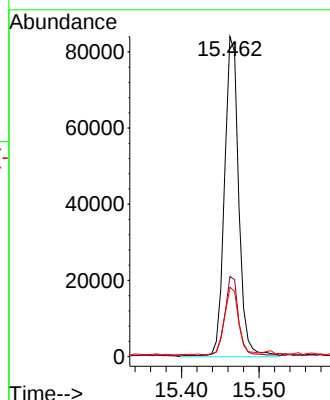
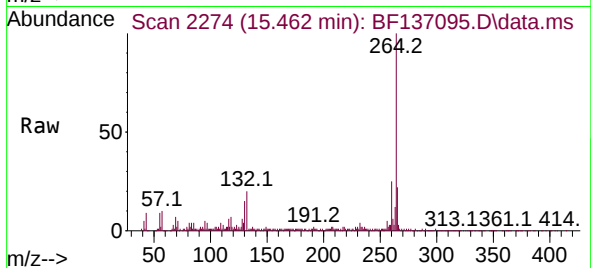
275

Tgt Ion:264 Resp: 107681
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.3 27.5
 265 21.7 17.0 25.6

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 3.718 ng m

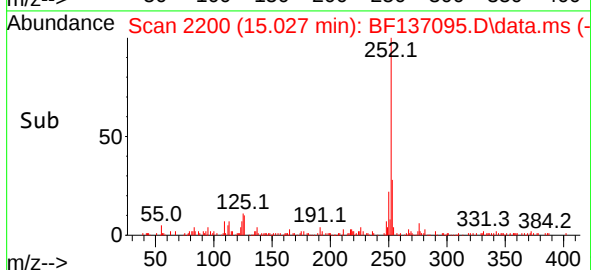
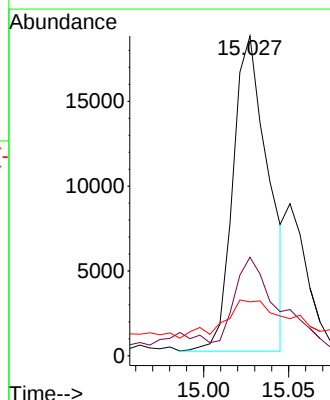
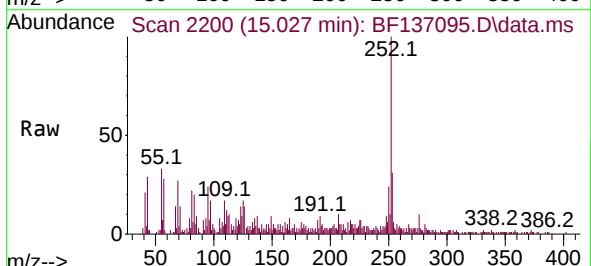
RT: 15.027 min Scan# 2200

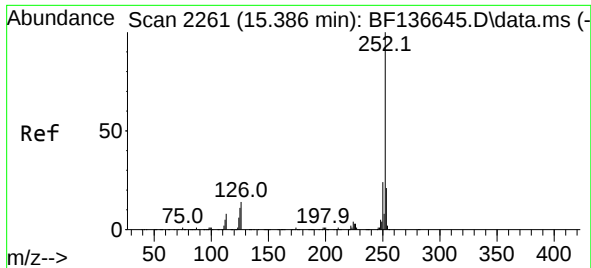
Delta R.T. 0.012 min

Lab File: BF137095.D

Acq: 17 Jan 2024 16:06

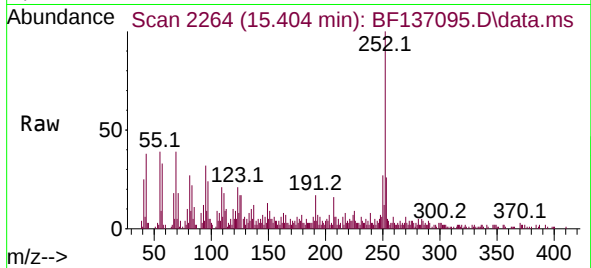
Tgt Ion:252 Resp: 26742
 Ion Ratio Lower Upper
 252 100
 253 30.8 17.4 26.0#
 125 16.9 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 3.021 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137095.D
Acq: 17 Jan 2024 16:06

Instrument :
BNA_F
ClientSampleId :
275



Tgt Ion:252 Resp: 18342
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.6
125 17.0 8.8 13.2

Manual Integrations
APPROVED

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

