

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137039.D
 Acq On : 11 Jan 2024 15:19
 Operator : CG\JU
 Sample : P1100-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
 Supervised By :mohammad ahmed 01/13/2024

Quant Time: Jan 11 15:51:38 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	59929	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	225602	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111152	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	185455	20.000	ng	0.00
76) Chrysene-d12	13.969	240	130456	20.000	ng	0.00
86) Perylene-d12	15.457	264	143469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	360097	93.753	ng	0.00
7) Phenol-d6	6.434	99	442293	88.870	ng	0.00
23) Nitrobenzene-d5	7.345	82	275427	62.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	113397	86.625	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	543082	65.715	ng	-0.01
79) Terphenyl-d14	12.904	244	470352	50.385	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	30515	3.207	ng	99
75) Fluoranthene	12.533	202	49708	4.884	ng	100
78) Pyrene	12.763	202	57533	4.493	ng	97
81) Benzo(a)anthracene	13.957	228	30203	3.334	ng	94
83) Chrysene	13.992	228	29349	3.313	ng	94
88) Benzo(b)fluoranthene	15.021	252	33556m	3.502	ng	
90) Benzo(a)pyrene	15.398	252	24563	3.037	ng	94

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

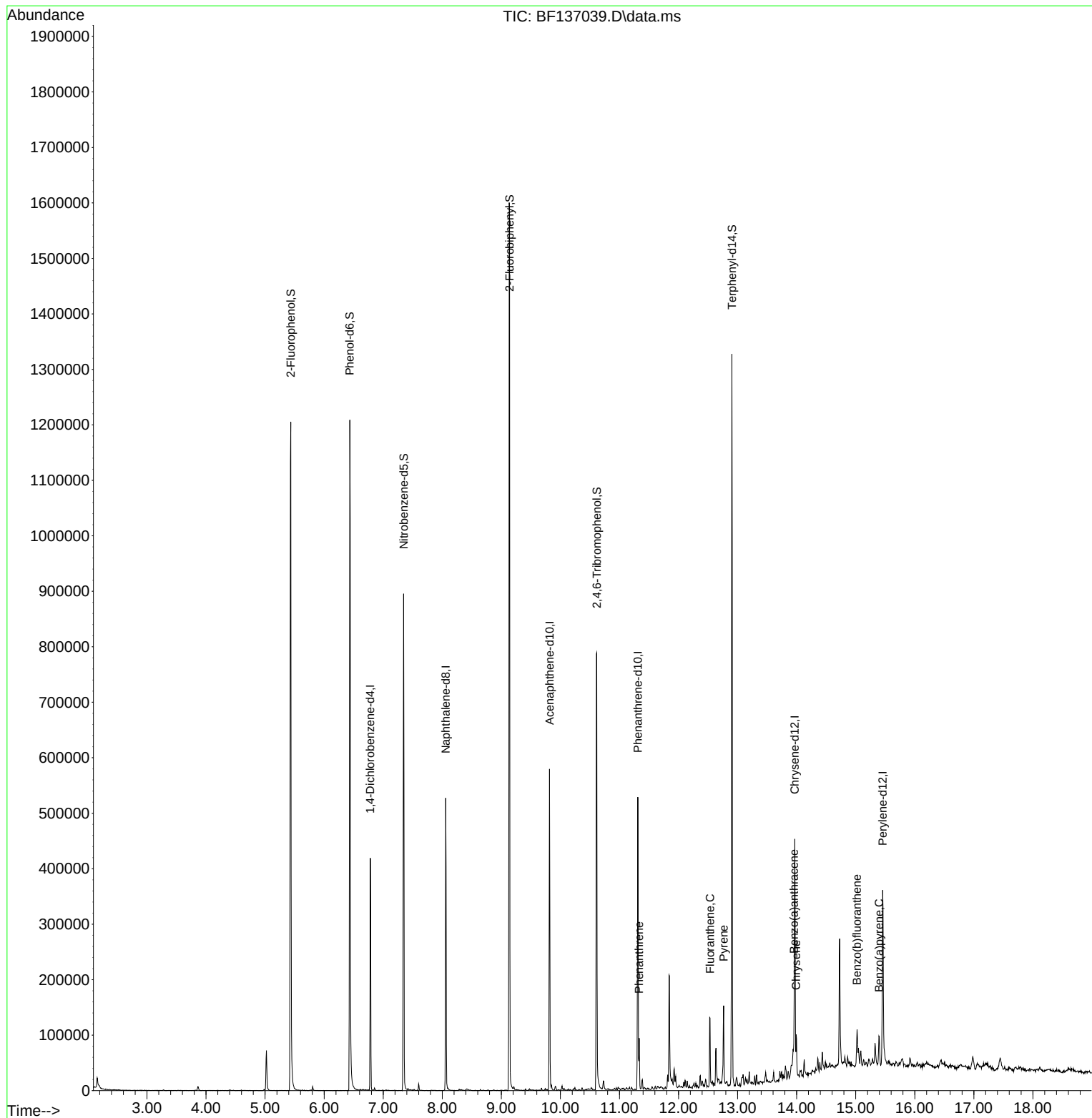
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
Data File : BF137039.D
Acq On : 11 Jan 2024 15:19
Operator : CG\JU
Sample : P1100-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

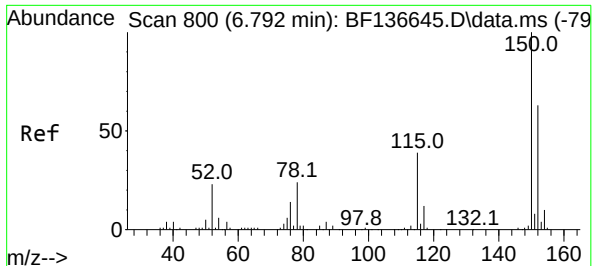
Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Jan 11 15:51:38 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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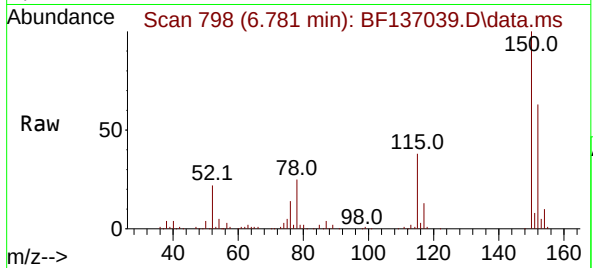
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Supervised By :mohammad ahmed 01/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

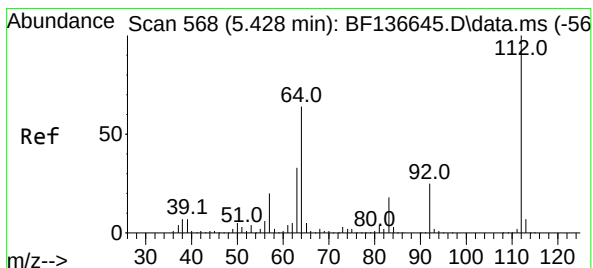
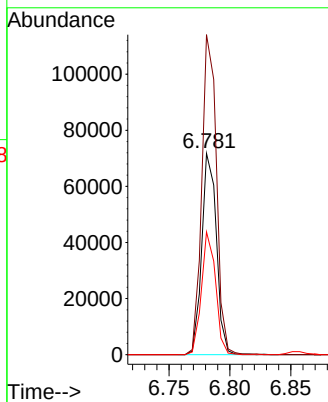
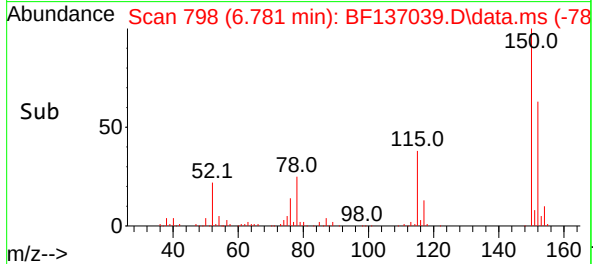
Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion:152 Resp: 59929
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 61.0 49.0 73.4

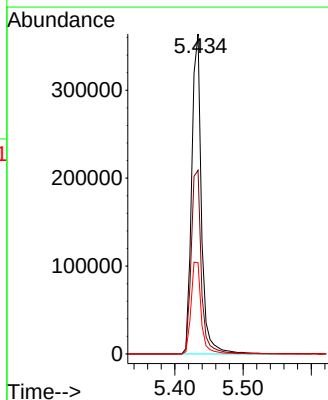
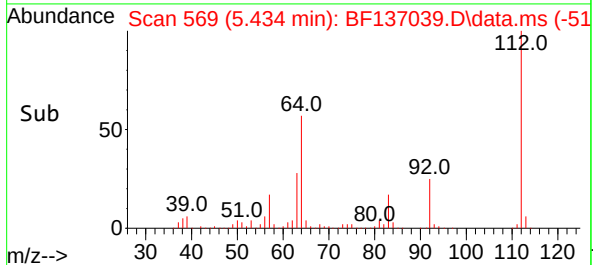
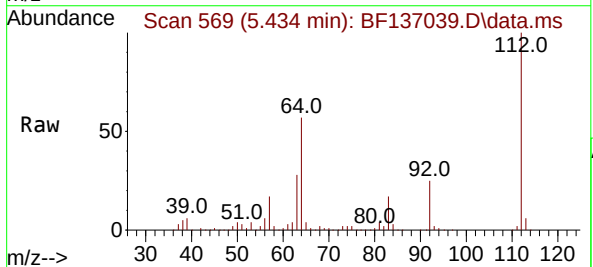
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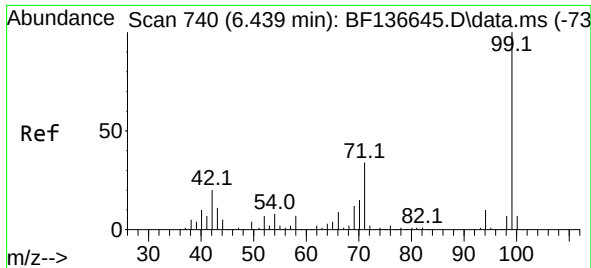
Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024



#5
2-Fluorophenol
Concen: 93.753 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

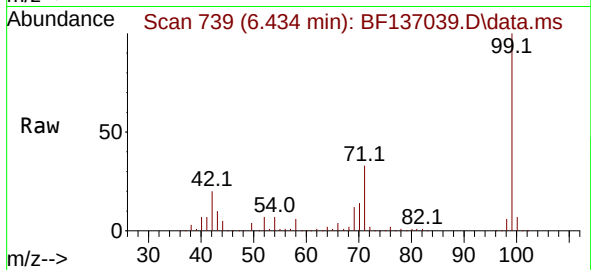
Tgt Ion:112 Resp: 360097
Ion Ratio Lower Upper
112 100
64 57.4 51.1 76.7
63 28.5 26.1 39.1





#7
Phenol-d6
Concen: 88.870 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

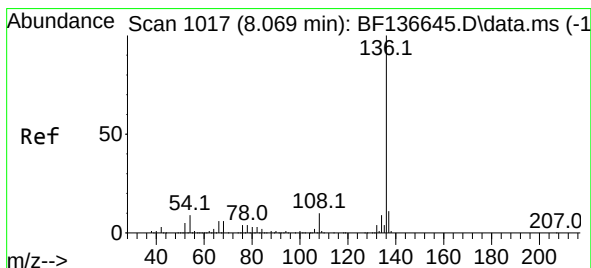
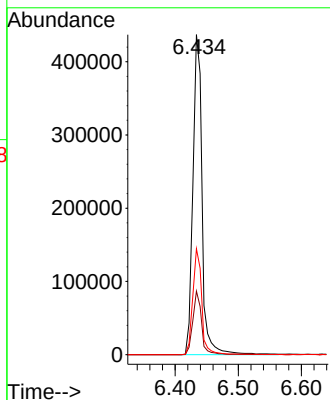
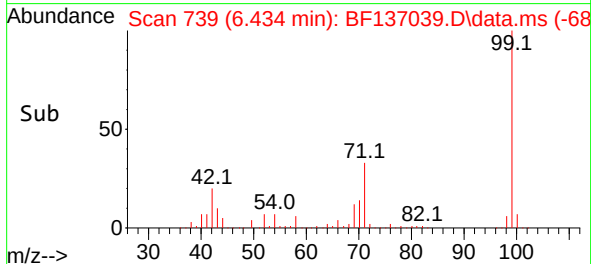
Instrument :
BNA_F
ClientSampleId :
COMP-3



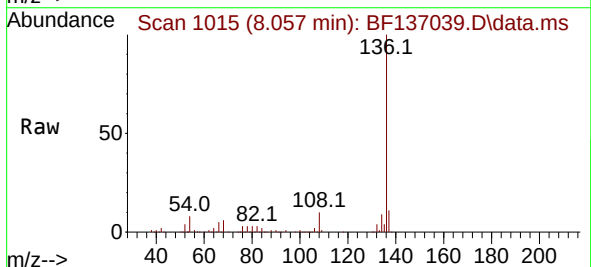
Tgt Ion: 99 Resp: 44229
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.1 27.4 41.2

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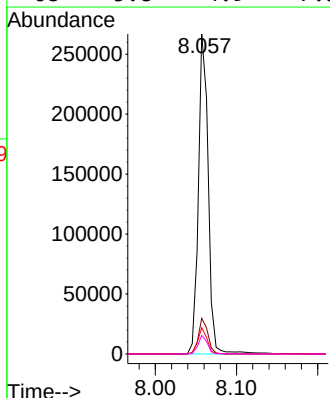
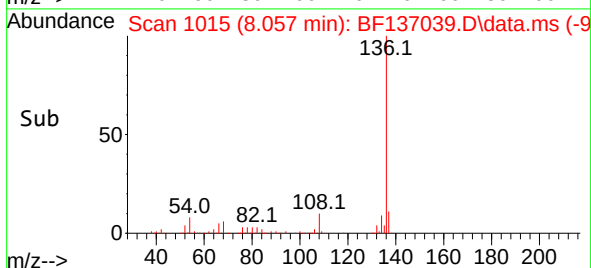
Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024

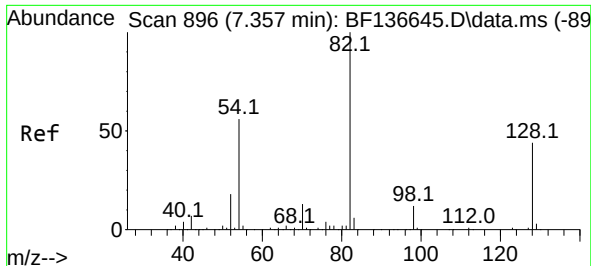


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19



Tgt Ion:136 Resp: 225602
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.2 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 62.472 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion: 82 Resp: 27542

Ion Ratio Lower Upper

82 100

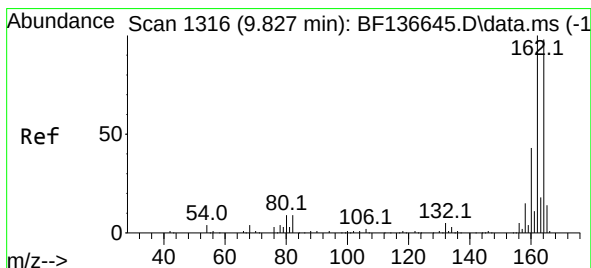
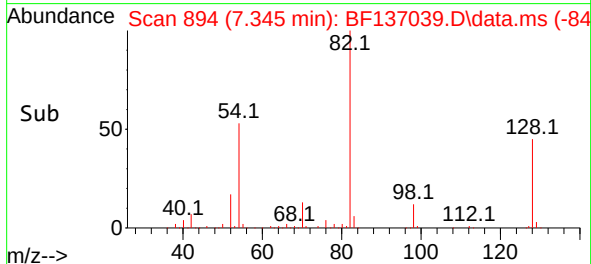
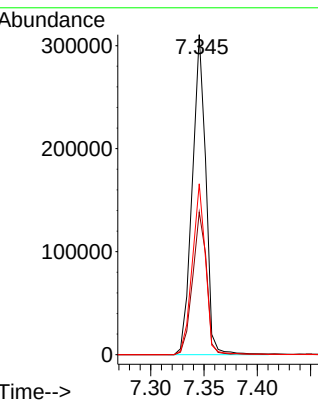
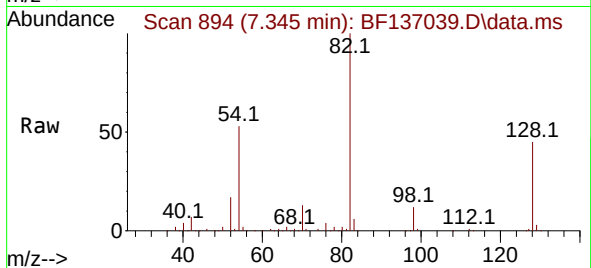
128 44.6 35.3 52.9

54 53.4 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: BF137039.D

Acq: 11 Jan 2024 15:19

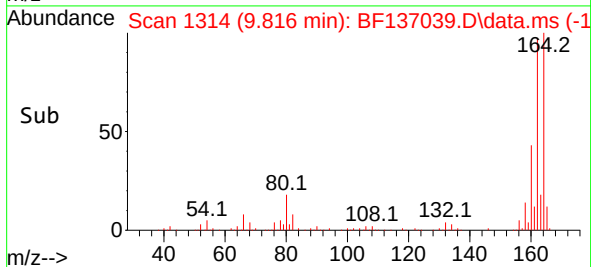
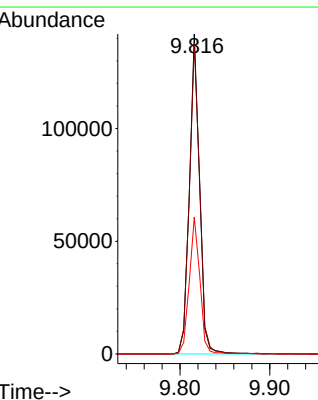
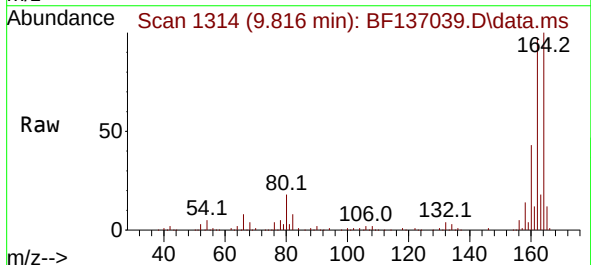
Tgt Ion:164 Resp: 111152

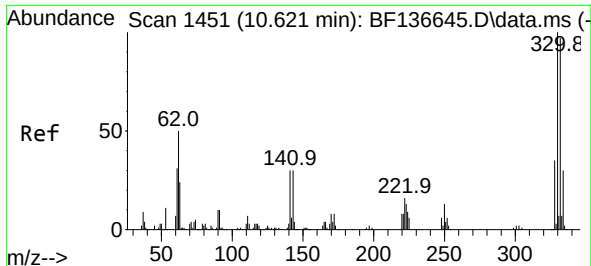
Ion Ratio Lower Upper

164 100

162 97.1 81.6 122.4

160 42.8 34.9 52.3





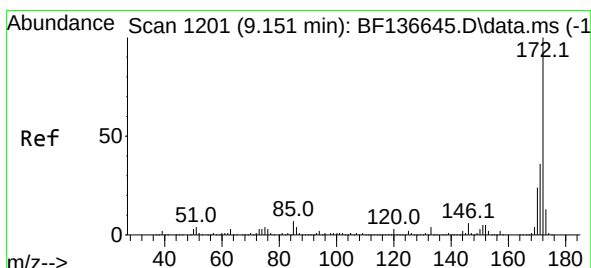
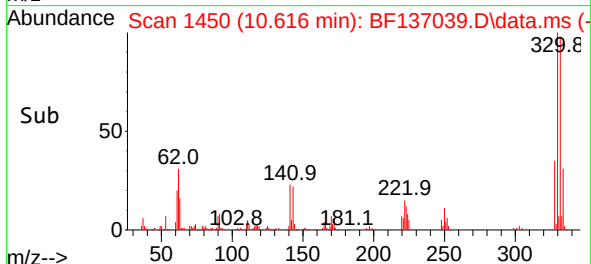
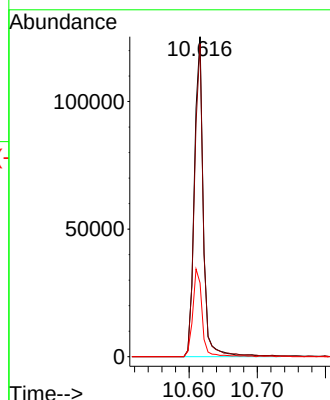
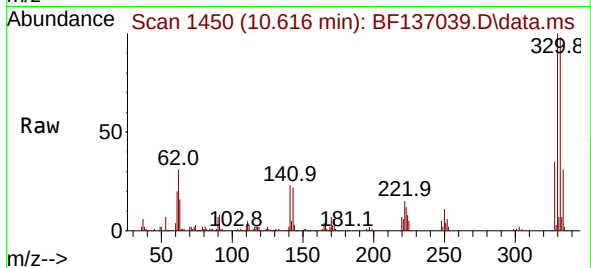
#42
2,4,6-Tribromophenol
Concen: 86.625 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 11339
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.7 23.4 35.2

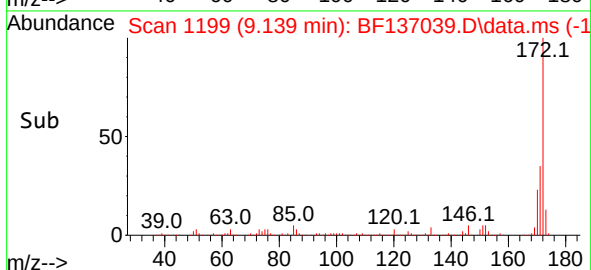
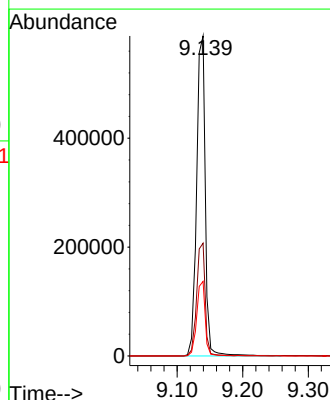
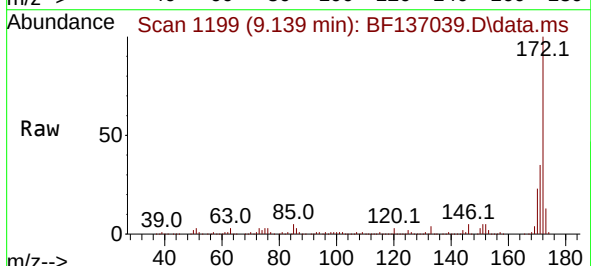
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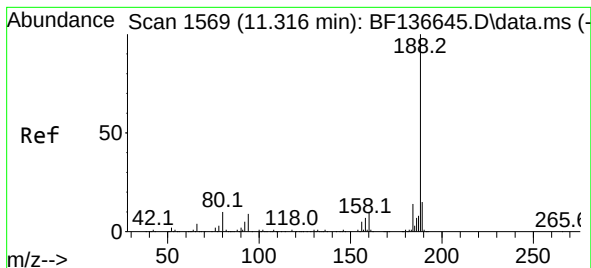
Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024



#45
2-Fluorobiphenyl
Concen: 65.715 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Tgt Ion:172 Resp: 543082
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.3 19.0 28.4





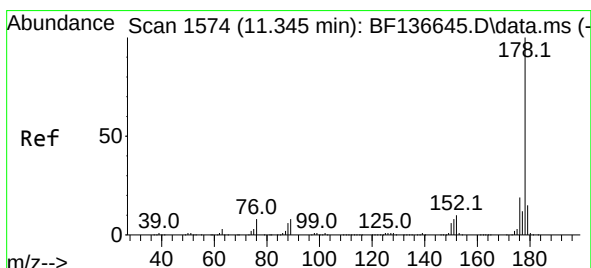
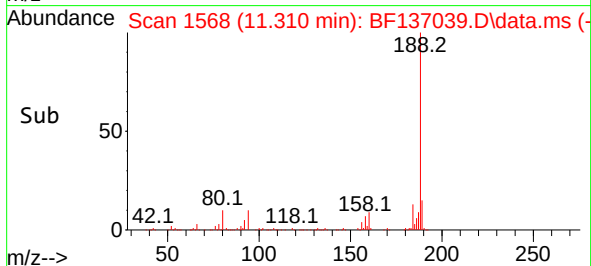
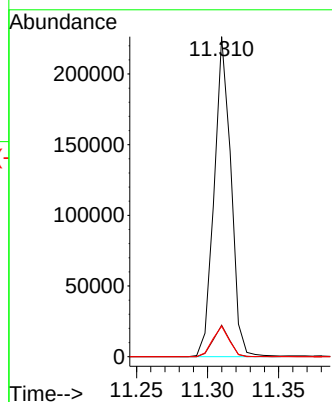
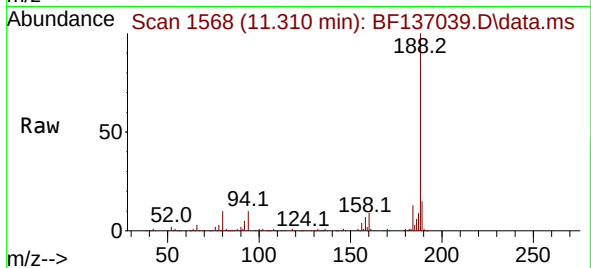
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:188 Resp: 18545
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.5 8.1 12.1

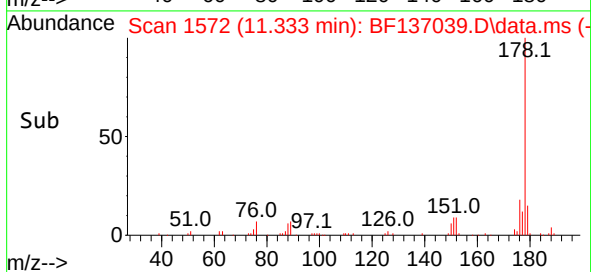
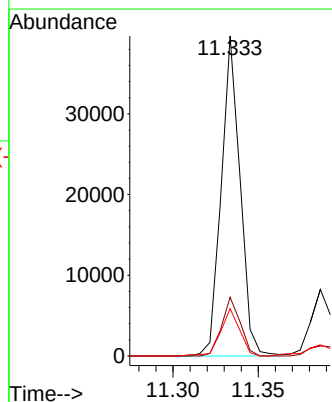
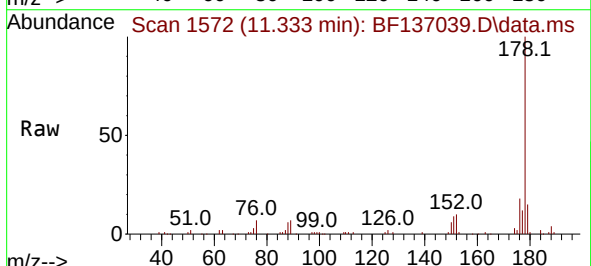
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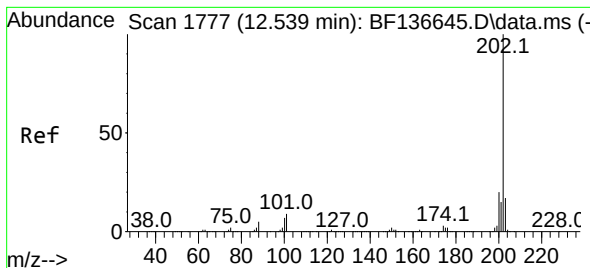
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Supervised By :mohammad ahmed 01/13/2024



#71
Phenanthrene
Concen: 3.207 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

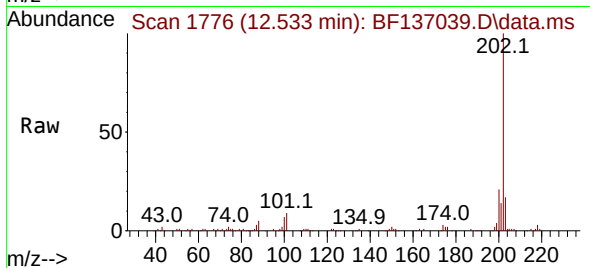
Tgt Ion:178 Resp: 30515
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 14.8 11.9 17.9





#75
Fluoranthene
Concen: 4.884 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

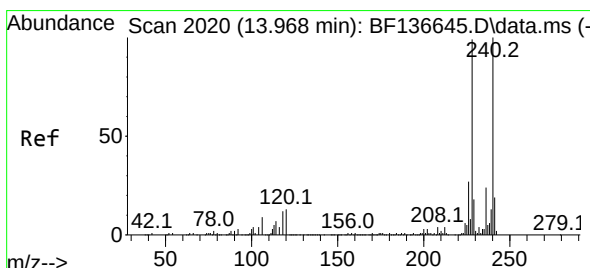
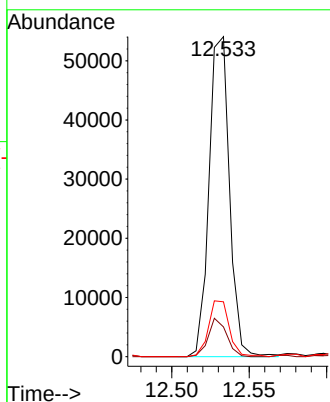
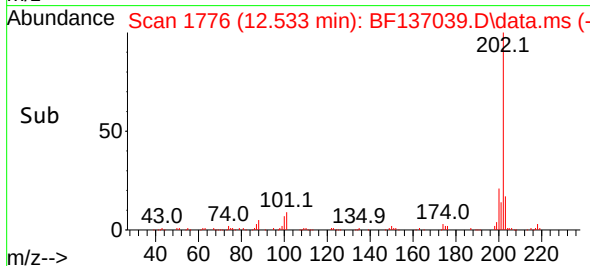
Instrument :
BNA_F
ClientSampleId :
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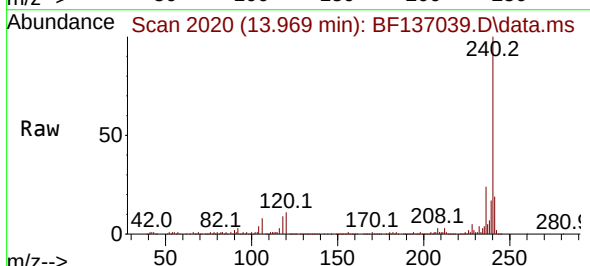
Tgt Ion:202 Resp: 49708
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.2 0.0 37.1

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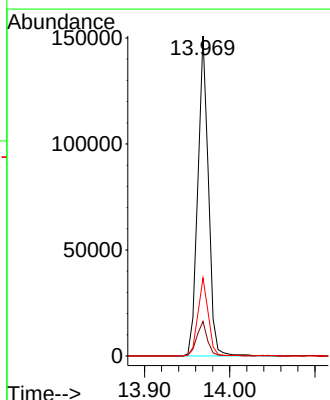
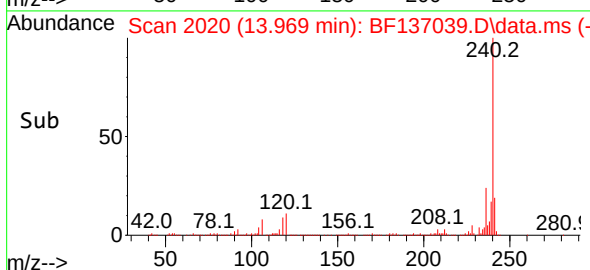
Reviewed By :Jagrut Upadhyay 01/12/2024
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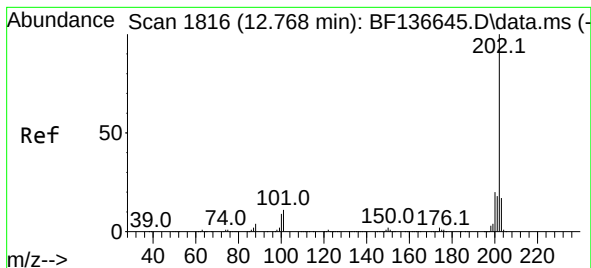


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19



Tgt Ion:240 Resp: 130456
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 24.4 19.4 29.2





#78

Pyrene

Concen: 4.493 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

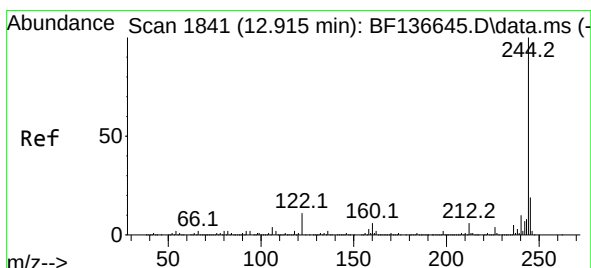
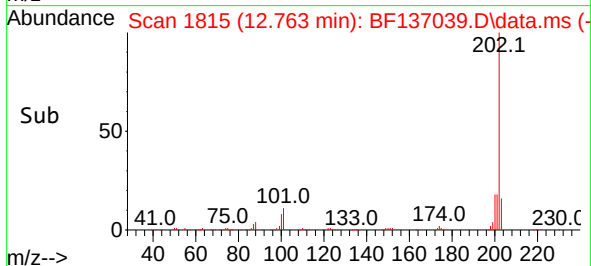
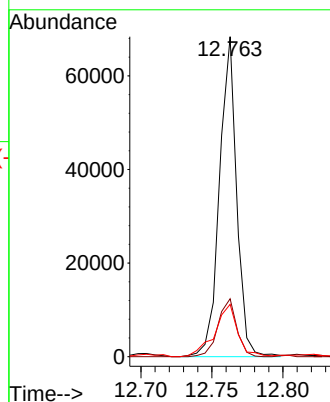
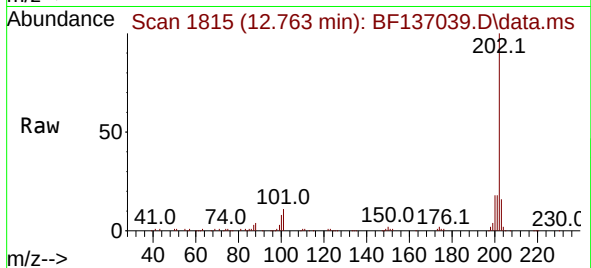
COMP-3

Tgt Ion:202	Resp:	5753
Ion Ratio	Lower	Upper
202	100	
200	18.1	15.9 23.9
203	16.3	13.8 20.6

Manual Integrations

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#79

Terphenyl-d14

Concen: 50.385 ng

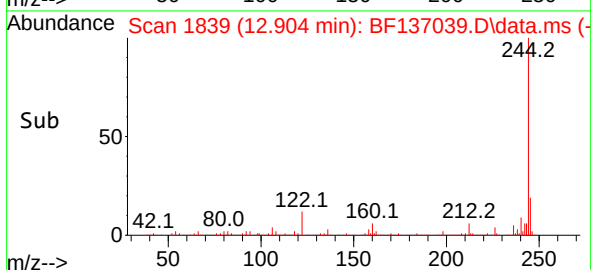
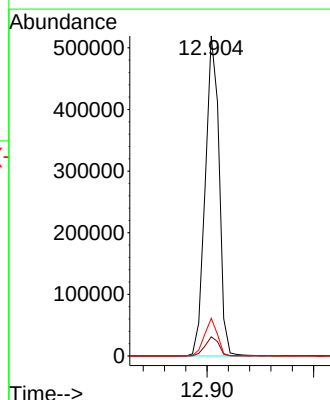
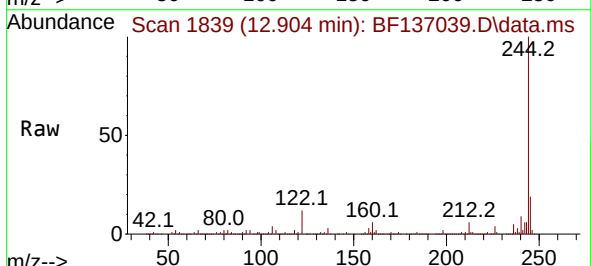
RT: 12.904 min Scan# 1839

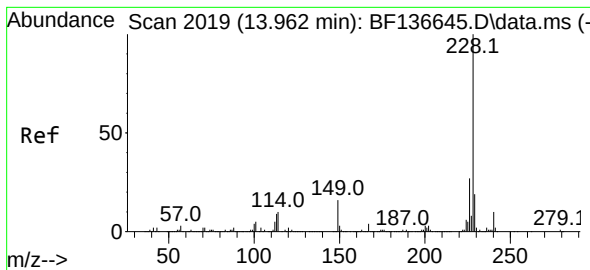
Delta R.T. -0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Tgt Ion:244	Resp:	470352
Ion Ratio	Lower	Upper
244	100	
212	6.0	5.0 7.4
122	11.8	9.0 13.4





#81

Benzo(a)anthracene

Concen: 3.334 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion:228 Resp: 3020

Ion Ratio Lower Upper

228 100

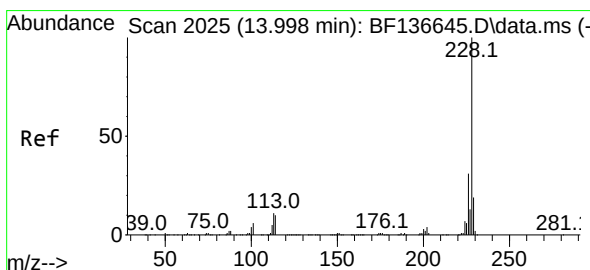
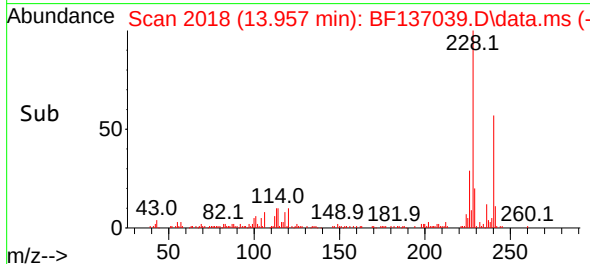
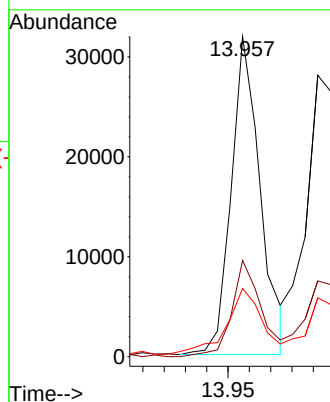
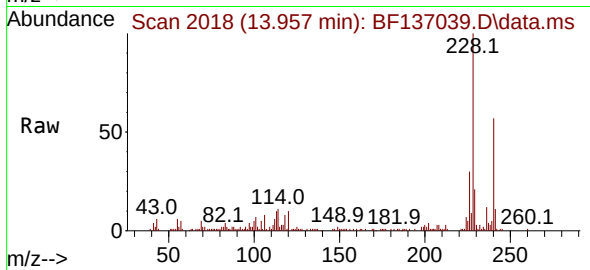
226 30.1 21.4 32.0

229 21.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024



#83

Chrysene

Concen: 3.313 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

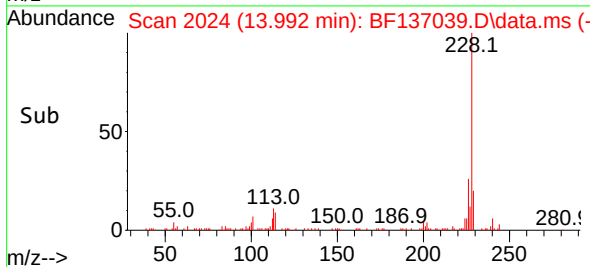
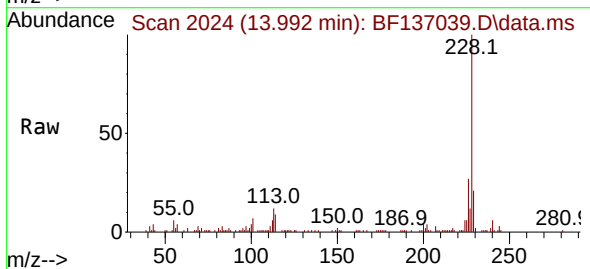
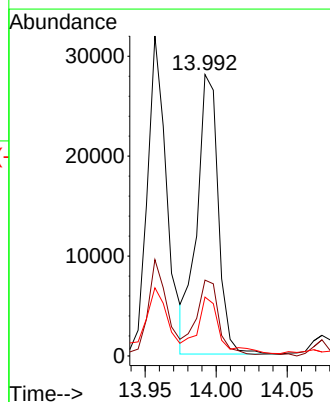
Tgt Ion:228 Resp: 29349

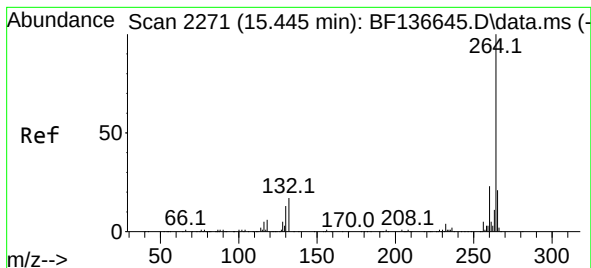
Ion Ratio Lower Upper

228 100

226 26.9 24.7 37.1

229 20.9 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

Instrument :

BNA_F

ClientSampleId :

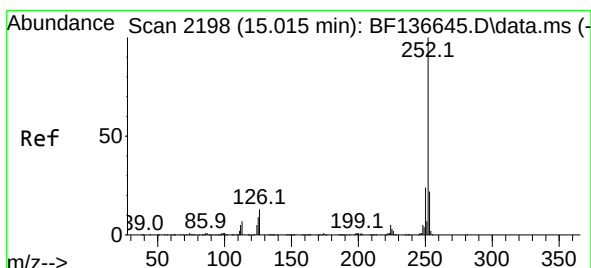
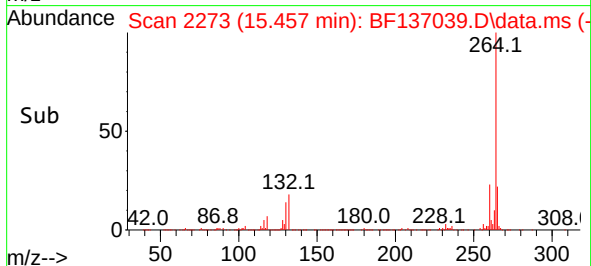
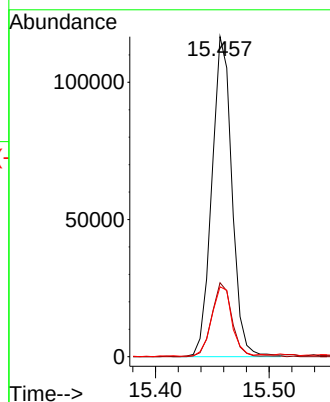
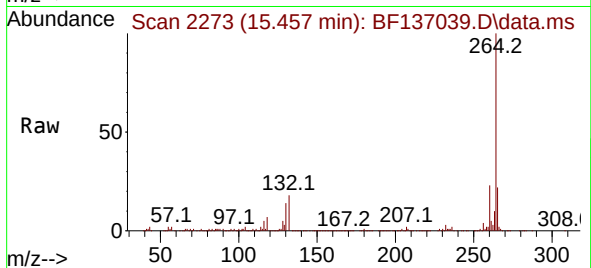
COMP-3

Tgt Ion:264 Resp: 143469
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
 Supervised By :mohammad ahmed 01/13/2024



#88

Benzo(b)fluoranthene

Concen: 3.502 ng m

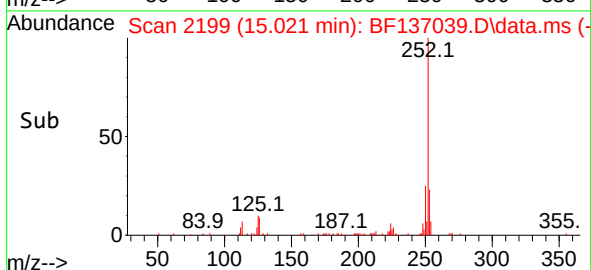
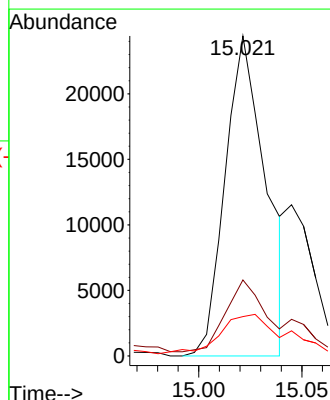
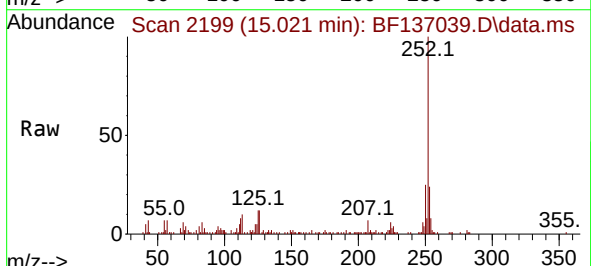
RT: 15.021 min Scan# 2199

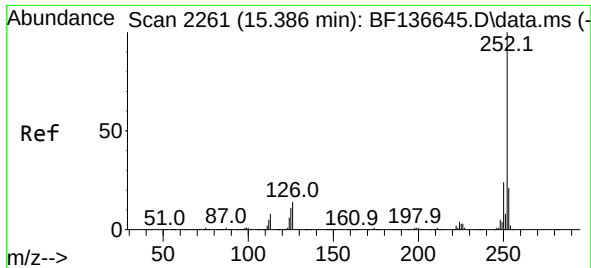
Delta R.T. 0.006 min

Lab File: BF137039.D

Acq: 11 Jan 2024 15:19

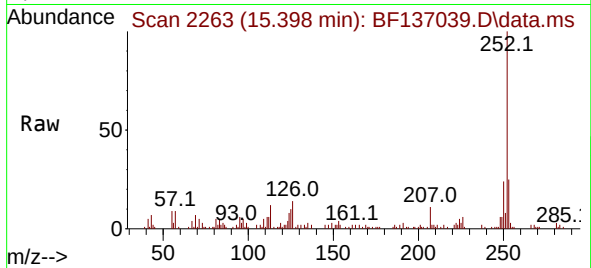
Tgt Ion:252 Resp: 33556
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.4 26.0
 125 12.3 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 3.037 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137039.D
Acq: 11 Jan 2024 15:19

Instrument :
BNA_F
ClientSampleId :
COMP-3



Tgt Ion:252 Resp: 2456
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.6
125 10.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024

