

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137781.D
 Acq On : 30 Apr 2024 20:35
 Operator : CG\JU
 Sample : P2310-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-042924

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 04:26:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	205463	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	761070	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	356114	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	500791	20.000	ng	0.00
76) Chrysene-d12	14.251	240	458334	20.000	ng	0.00
86) Perylene-d12	15.827	264	413072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	177825	14.491	ng	0.00
7) Phenol-d6	6.657	99	221896	14.256	ng	-0.02
23) Nitrobenzene-d5	7.610	82	124464	9.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	41248	11.344	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	265172	12.081	ng	0.00
79) Terphenyl-d14	13.180	244	225325	8.239	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.816	202	98965	3.709	ng	98
78) Pyrene	13.051	202	89467	2.462	ng	99
88) Benzo(b)fluoranthene	15.345	252	59094m	2.299	ng	

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

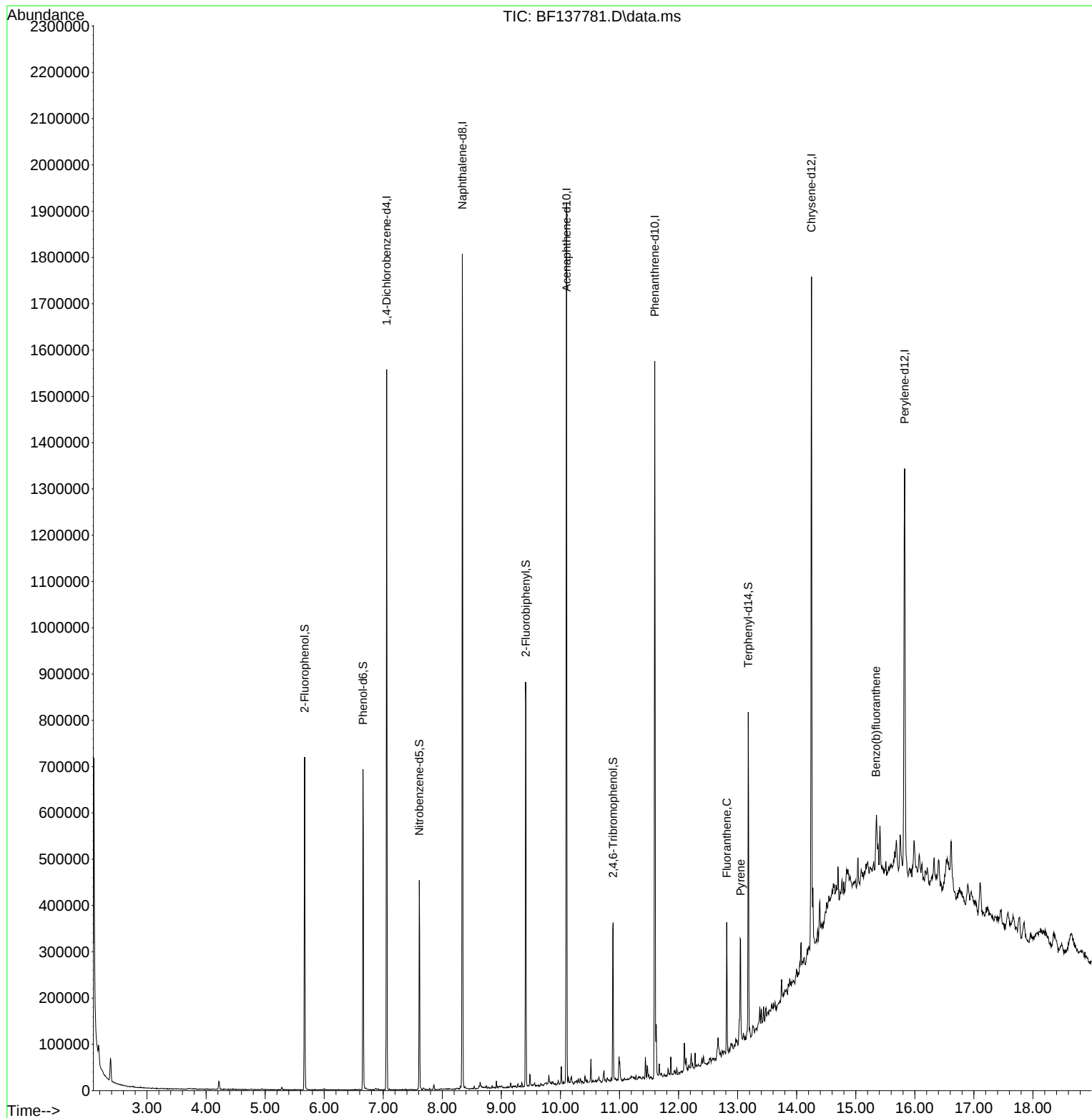
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
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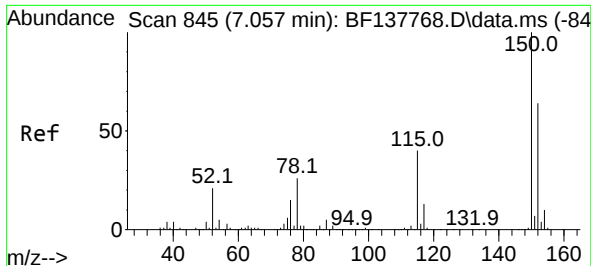
Instrument :
BNA_F
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SU-03-042924

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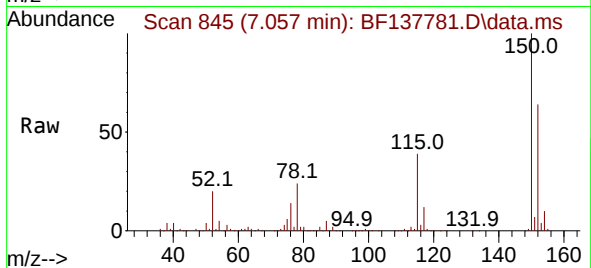
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

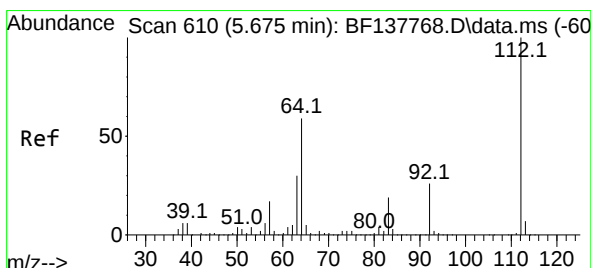
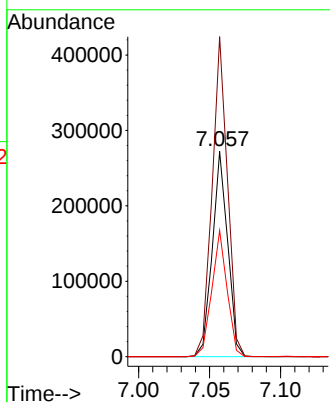
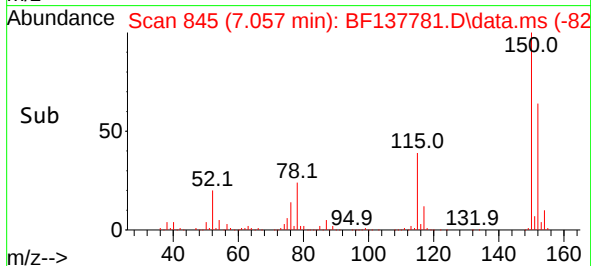


Tgt Ion:152 Resp: 205463
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 61.4 49.1 73.7

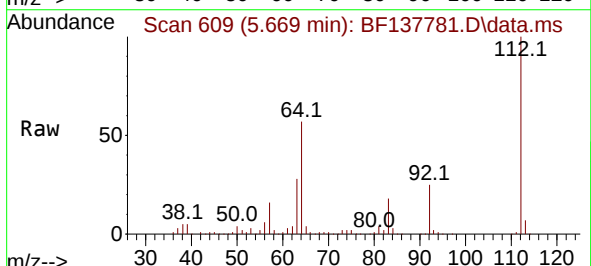
Manual Integrations

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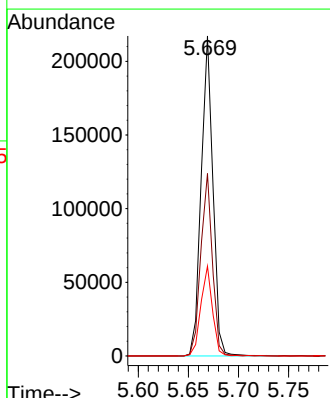
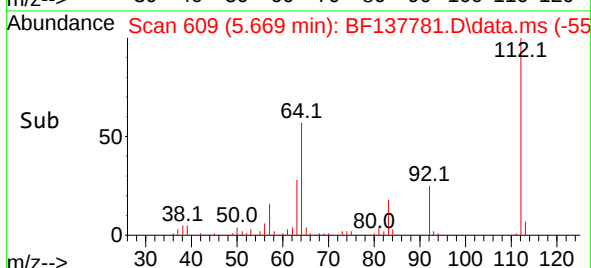
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

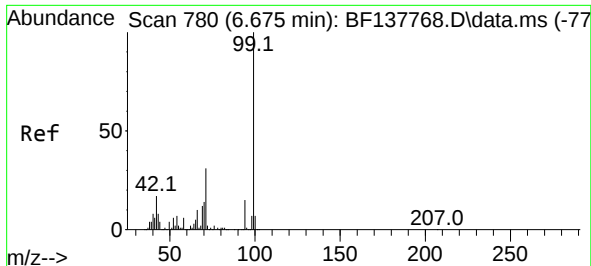


#5
2-Fluorophenol
Concen: 14.491 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35



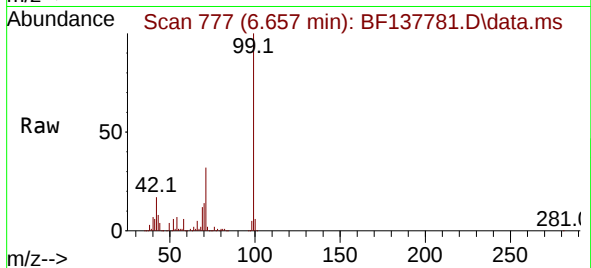
Tgt Ion:112 Resp: 177825
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 28.0 23.7 35.5





#7
Phenol-d6
Concen: 14.256 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

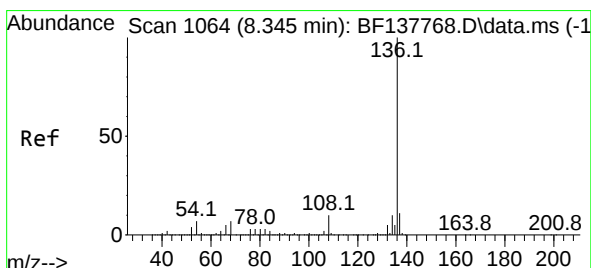
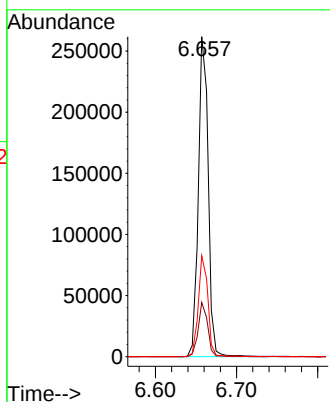
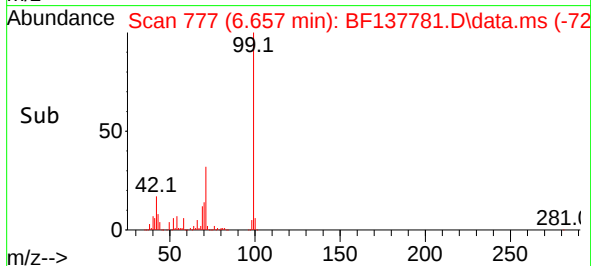
Instrument :
BNA_F
ClientSampleId :
SU-03-042924



Tgt Ion: 99 Resp: 221890
Ion Ratio Lower Upper
99 100
42 17.0 13.2 19.8
71 31.5 25.0 37.4

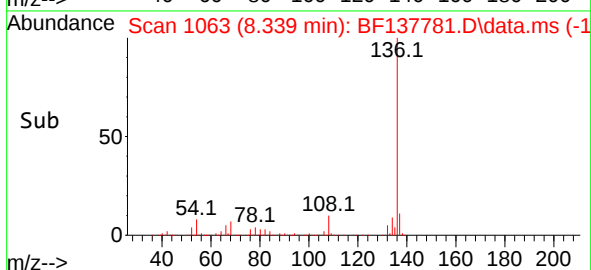
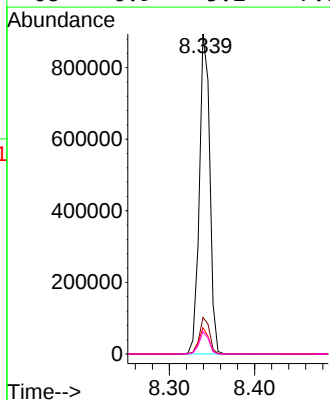
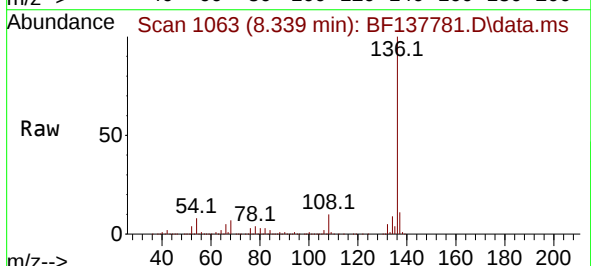
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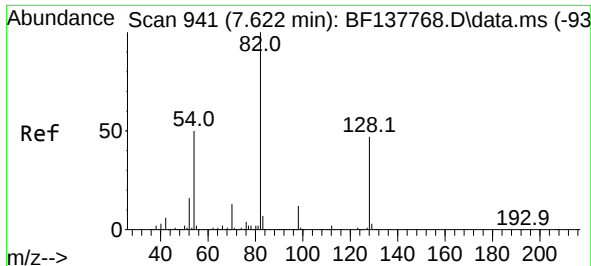
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion:136 Resp: 761070
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.2 5.8 8.8
68 6.9 5.2 7.8





#23
Nitrobenzene-d5
Concen: 9.501 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

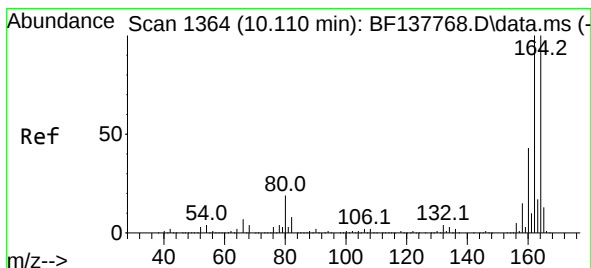
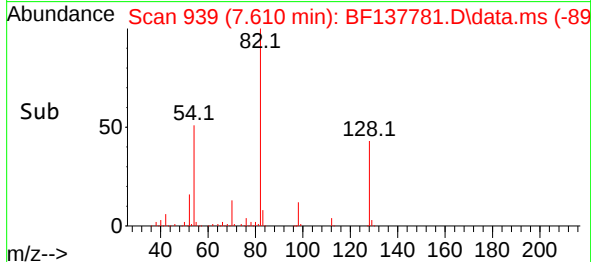
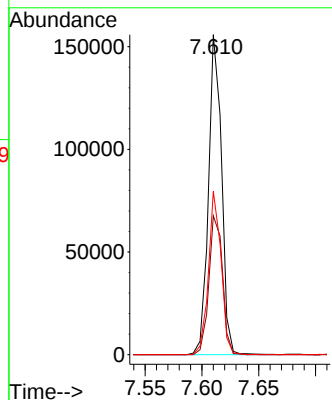
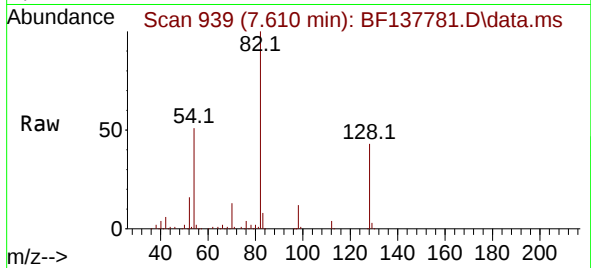
ClientSampleId :

SU-03-042924

Tgt Ion: 82 Resp: 124464
Ion Ratio Lower Upper
82 100
128 43.4 37.5 56.3
54 51.0 39.8 59.6

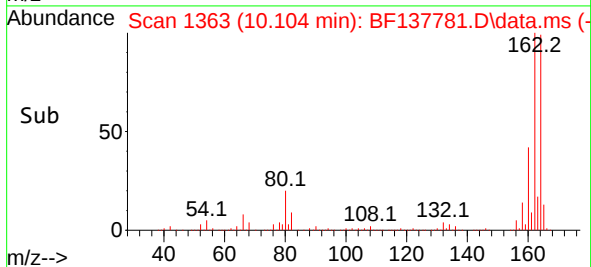
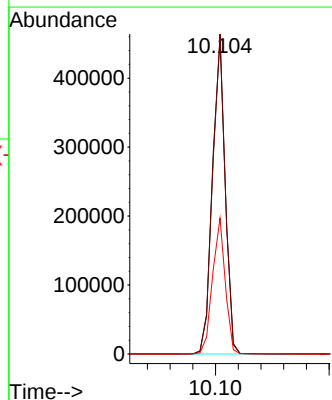
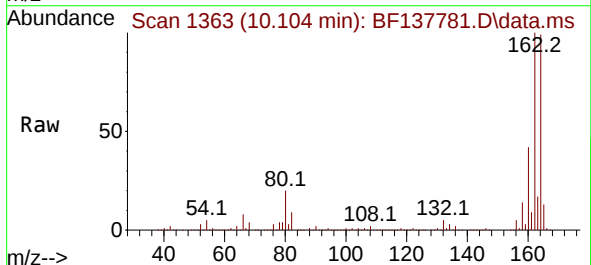
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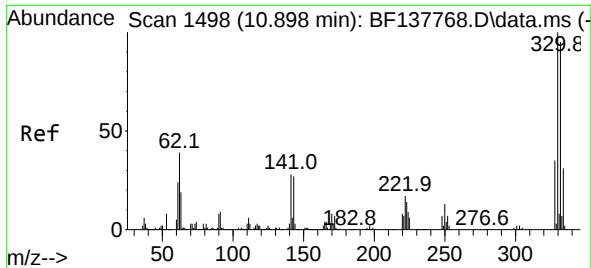
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Tgt Ion:164 Resp: 356114
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.6
160 43.0 34.4 51.6





#42
 2,4,6-Tribromophenol
 Concen: 11.344 ng
 RT: 10.892 min Scan# 1498
 Delta R.T. -0.006 min
 Lab File: BF137781.D
 Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

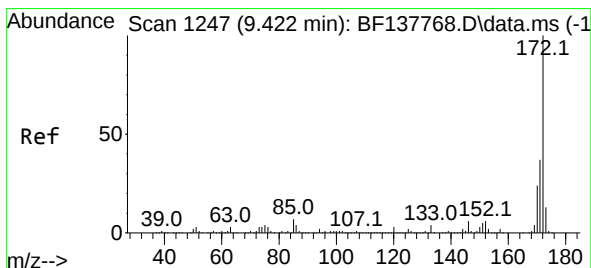
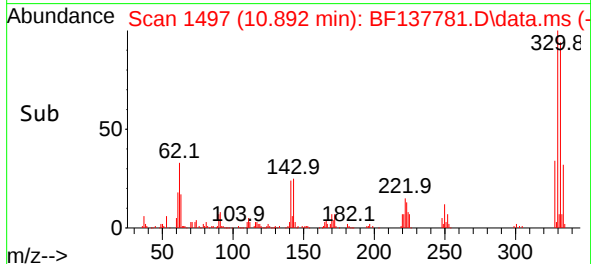
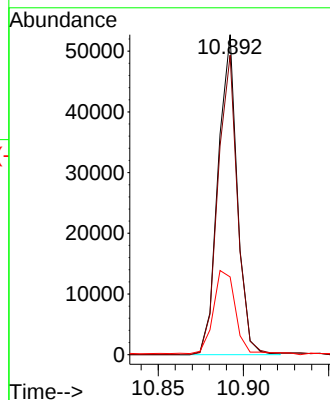
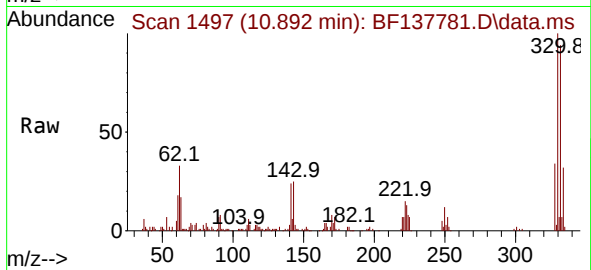
ClientSampleId :

SU-03-042924

Tgt Ion:330 Resp: 41248
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 31.4 23.8 35.6

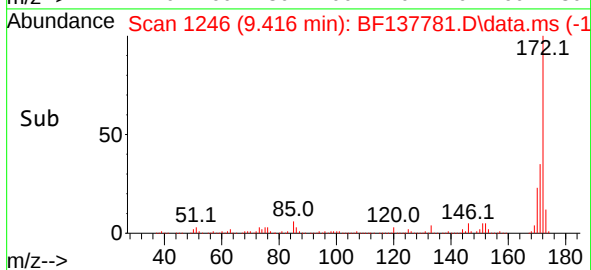
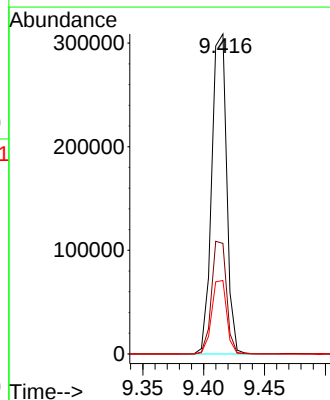
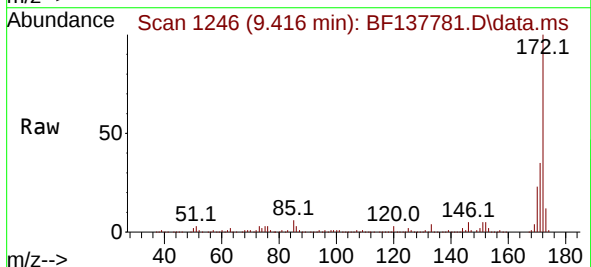
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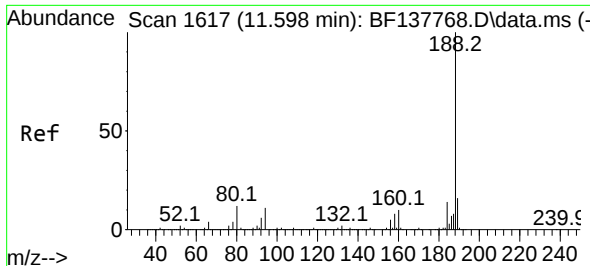
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024



#45
 2-Fluorobiphenyl
 Concen: 12.081 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137781.D
 Acq: 30 Apr 2024 20:35

Tgt Ion:172 Resp: 265172
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 22.9 19.4 29.2





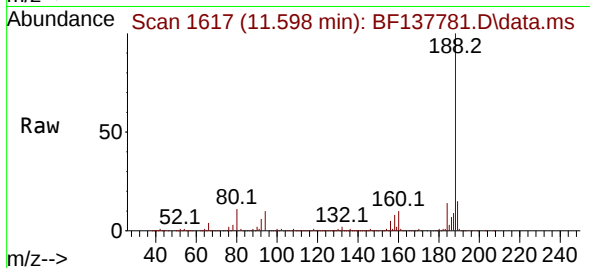
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

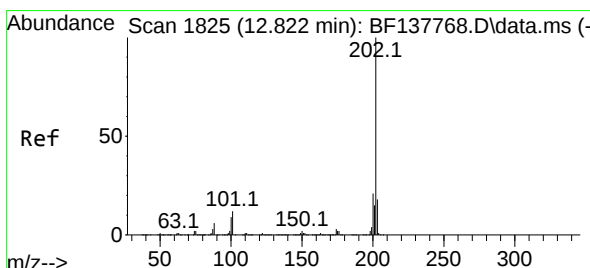
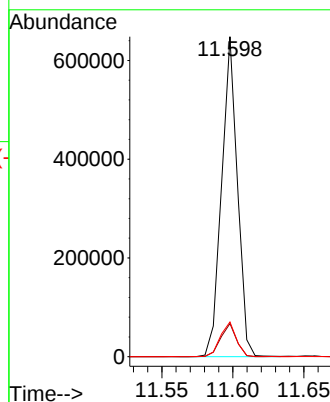
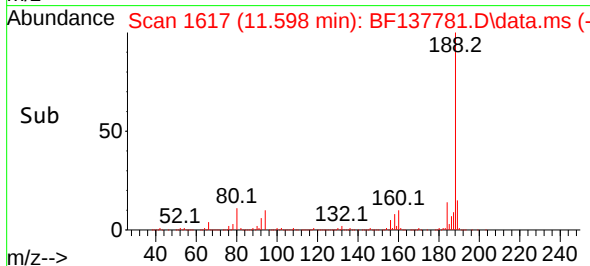


Tgt Ion:188 Resp: 50079
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.8 9.6 14.4

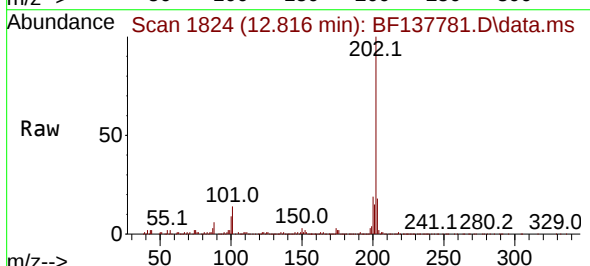
Manual Integrations

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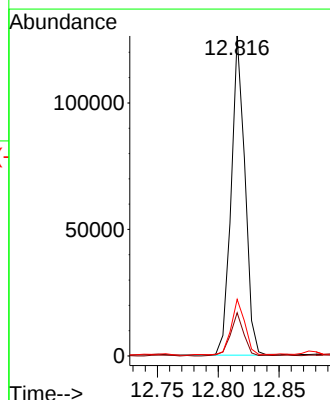
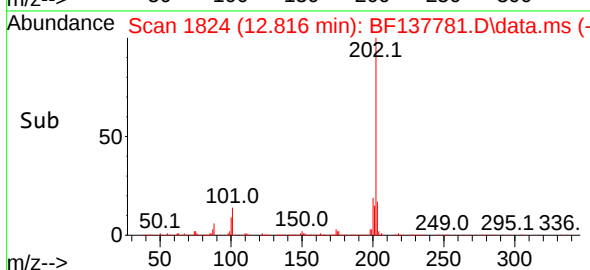
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

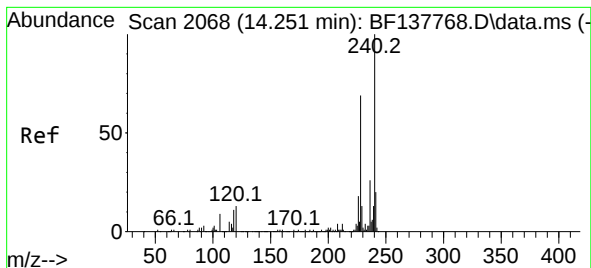


#75
Fluoranthene
Concen: 3.709 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35



Tgt Ion:202 Resp: 98965
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.8
203 17.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

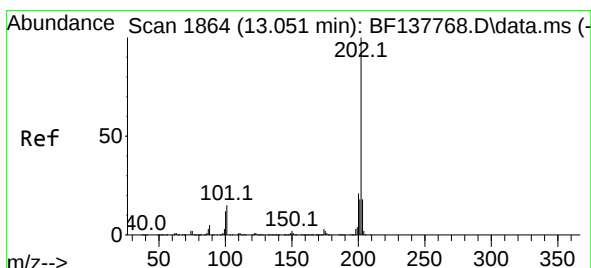
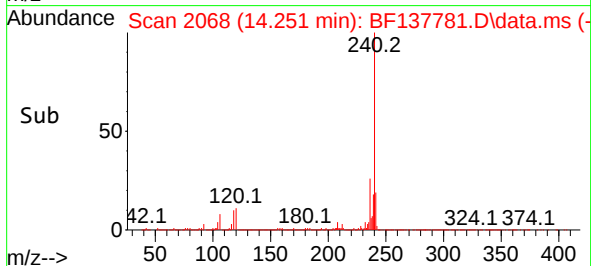
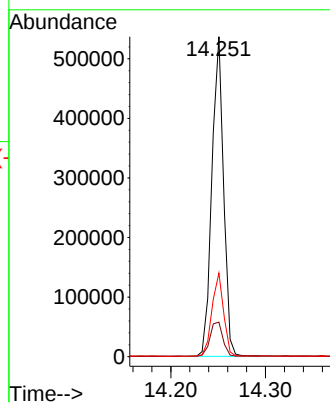
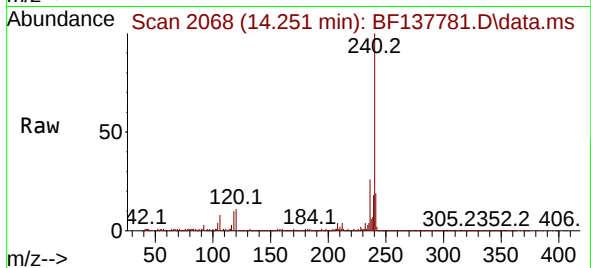
SU-03-042924

Tgt Ion:240 Resp: 458334
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.4 15.6
 236 26.1 20.4 30.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 2.462 ng

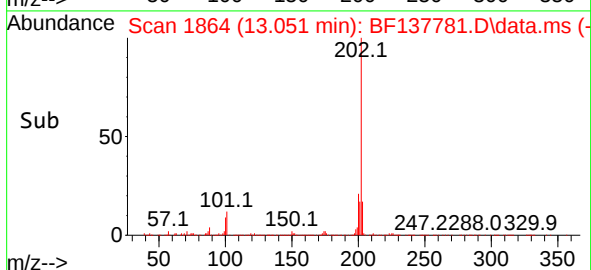
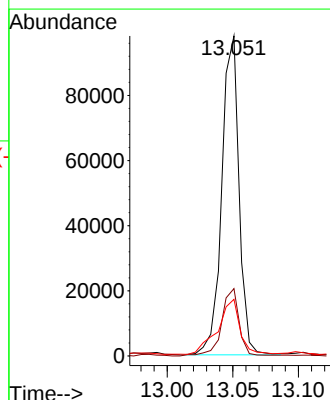
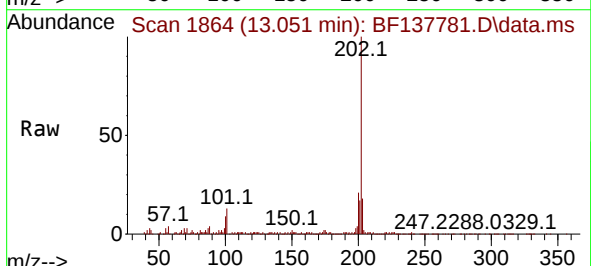
RT: 13.051 min Scan# 1864

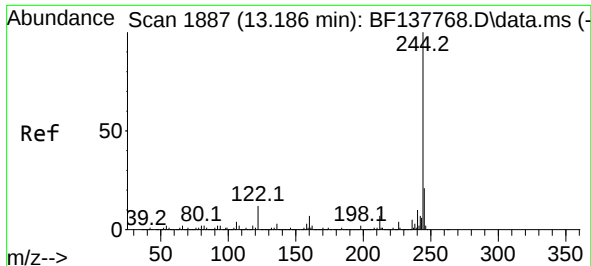
Delta R.T. -0.000 min

Lab File: BF137781.D

Acq: 30 Apr 2024 20:35

Tgt Ion:202 Resp: 89467
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 17.7 14.4 21.6





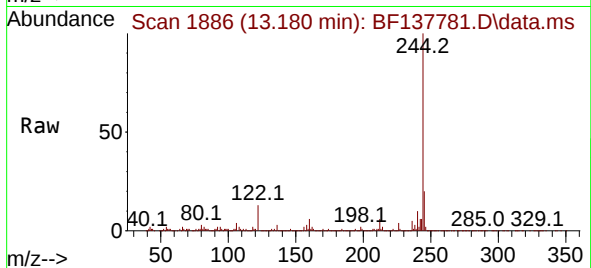
#79
 Terphenyl-d14
 Concen: 8.239 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137781.D
 Acq: 30 Apr 2024 20:35

Instrument :

BNA_F

ClientSampleId :

SU-03-042924

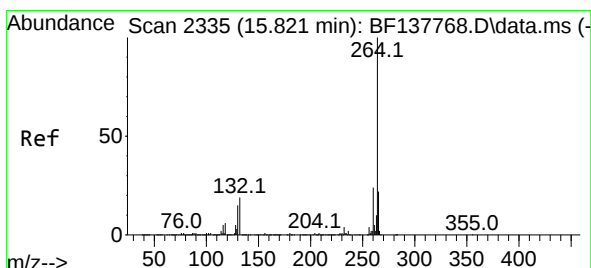
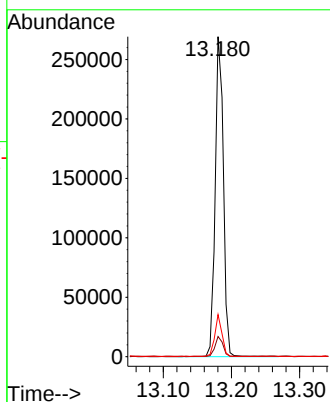
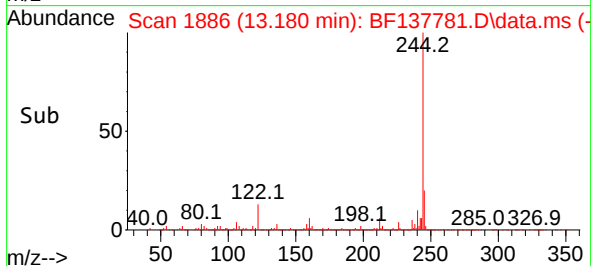


Tgt Ion:244 Resp: 225329
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 13.2 9.4 14.2

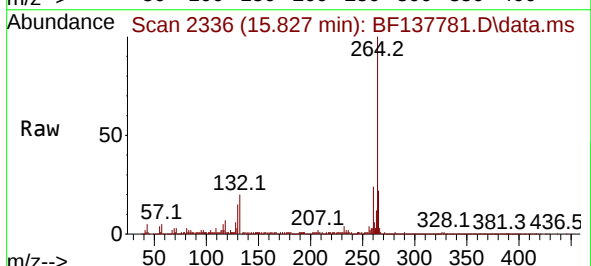
Manual Integrations

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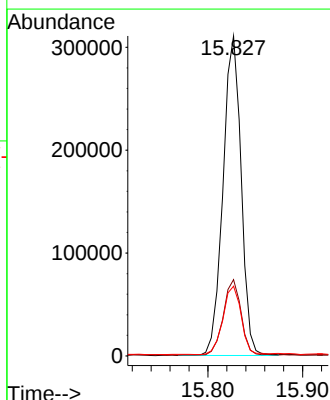
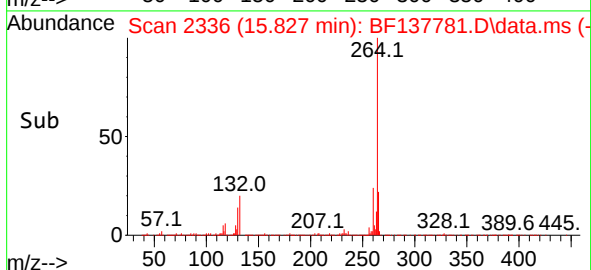
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024

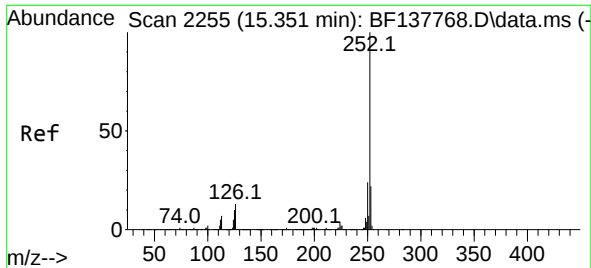


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. 0.006 min
 Lab File: BF137781.D
 Acq: 30 Apr 2024 20:35



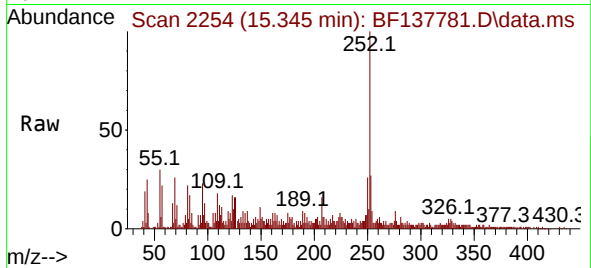
Tgt Ion:264 Resp: 413072
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.8 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.299 ng m
RT: 15.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137781.D
Acq: 30 Apr 2024 20:35

Instrument :
BNA_F
ClientSampleId :
SU-03-042924



Tgt Ion:252 Resp: 59094
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3
125 15.6 7.9 11.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

