

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137720.D
 Acq On : 24 Apr 2024 16:07
 Operator : CG\JU
 Sample : P2116-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 16:36:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	260222	20.000	ng	0.00
21) Naphthalene-d8	8.357	136	1046272	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	574327	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	944748	20.000	ng	0.00
76) Chrysene-d12	14.251	240	482337	20.000	ng	0.00
86) Perylene-d12	15.827	264	584097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	557865	32.565	ng	0.04
7) Phenol-d6	7.004	99	273611m	12.577	ng	0.33
23) Nitrobenzene-d5	7.651	82	1390854	70.566	ng	0.02
42) 2,4,6-Tribromophenol	10.898	330	453597	78.269	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2741509	71.325	ng	0.00
79) Terphenyl-d14	13.192	244	2528467	84.375	ng	0.00

Target Compounds Qvalue

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

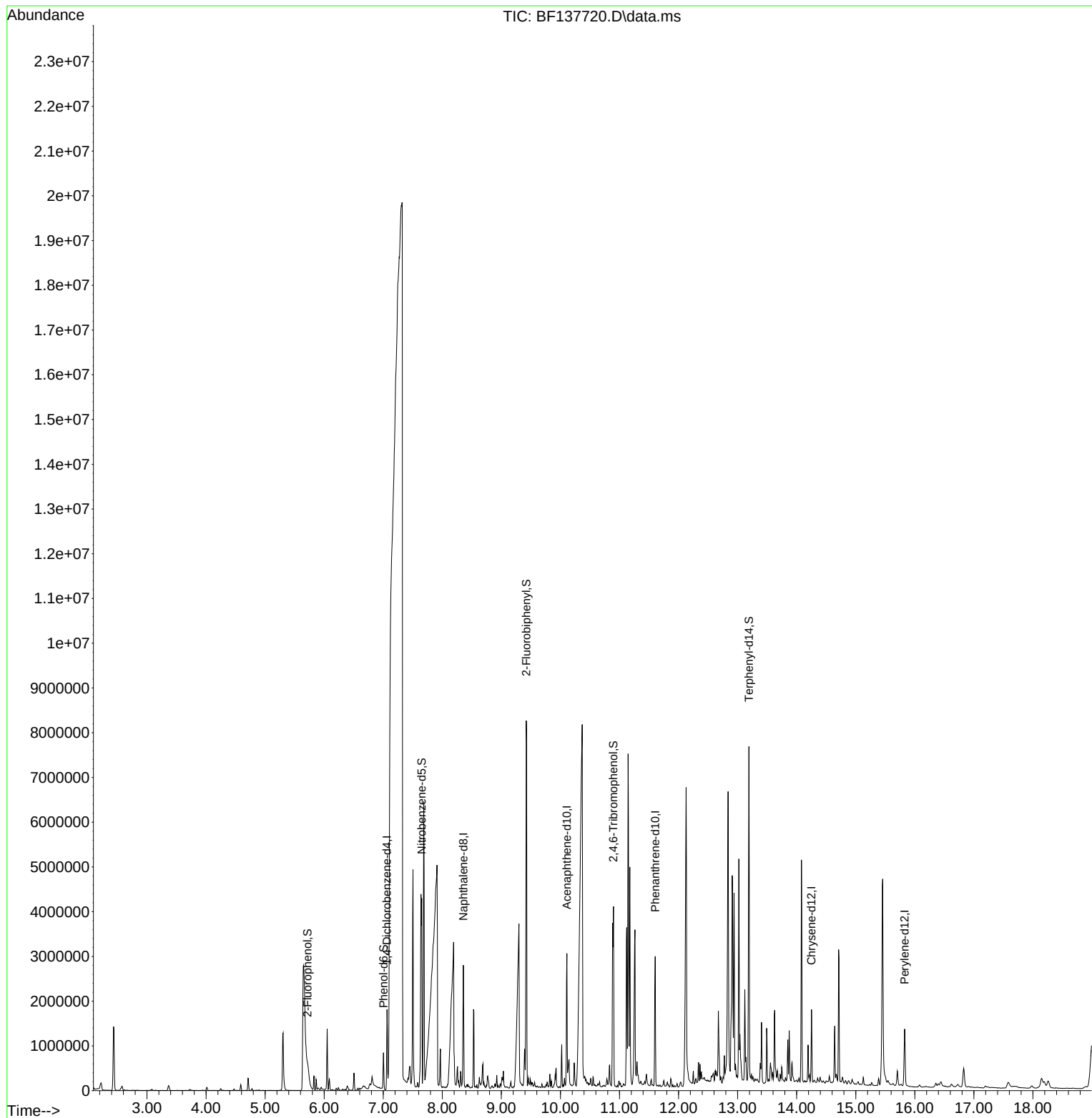
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137720.D
Acq On : 24 Apr 2024 16:07
Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

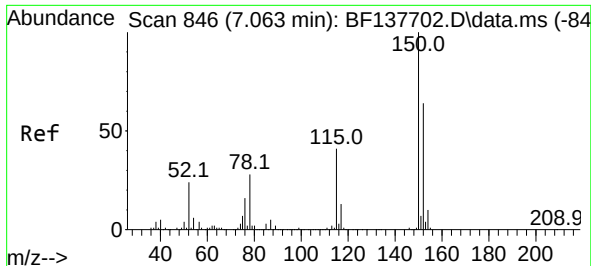
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Apr 24 16:36:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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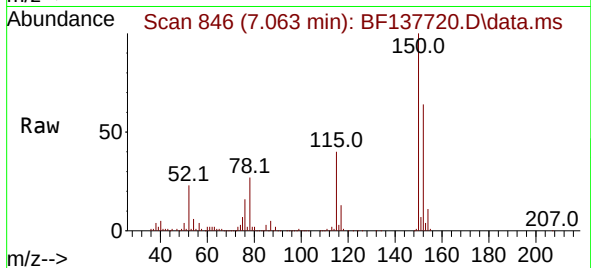
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

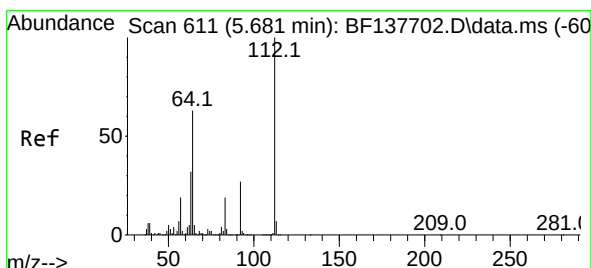
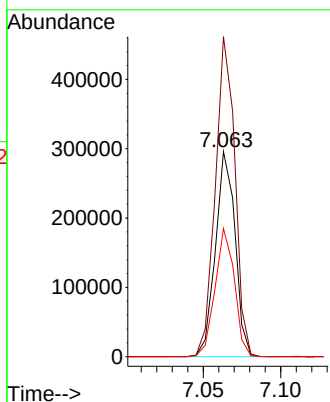
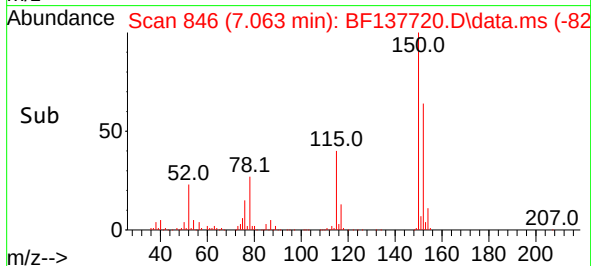
Instrument :
BNA_F
ClientSampleId :
EFF-WW



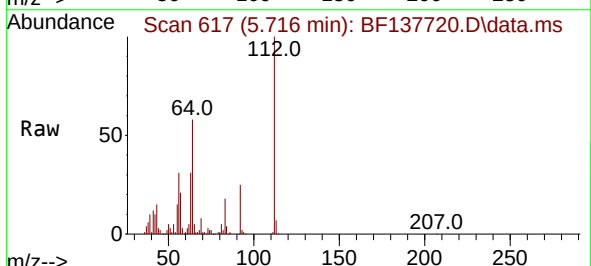
Tgt Ion:152 Resp: 26022
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 62.5 50.8 76.2

Manual Integrations
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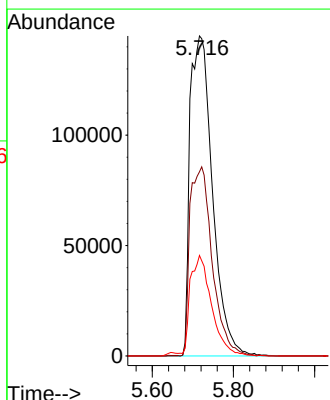
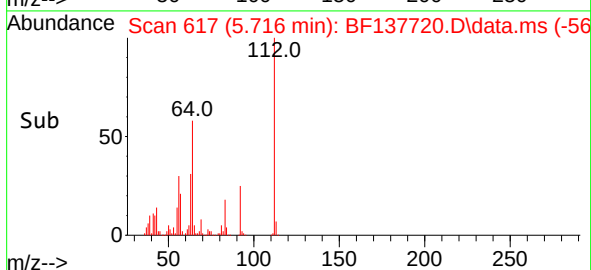
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

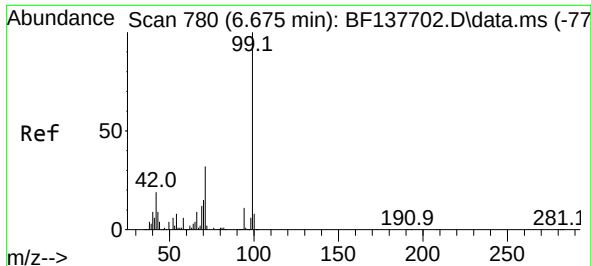


#5
2-Fluorophenol
Concen: 32.565 ng
RT: 5.716 min Scan# 617
Delta R.T. 0.035 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07



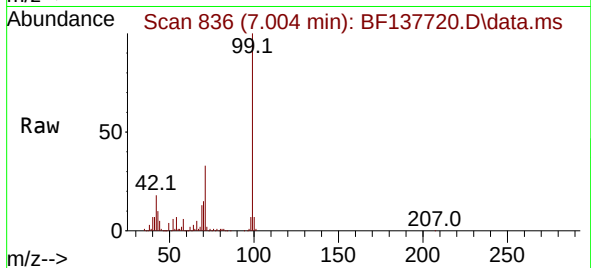
Tgt Ion:112 Resp: 557865
Ion Ratio Lower Upper
112 100
64 57.6 50.1 75.1
63 31.4 25.2 37.8





#7
Phenol-d6
Concen: 12.577 ng m
RT: 7.004 min Scan# 81
Delta R.T. 0.329 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

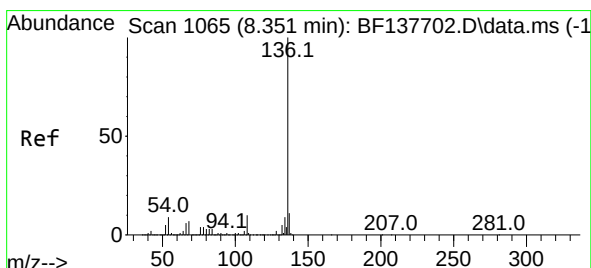
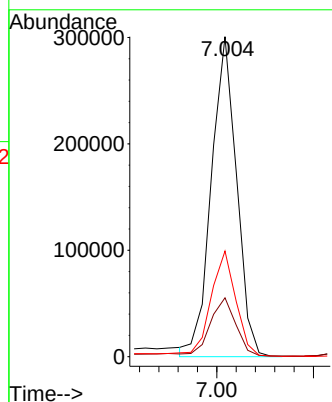
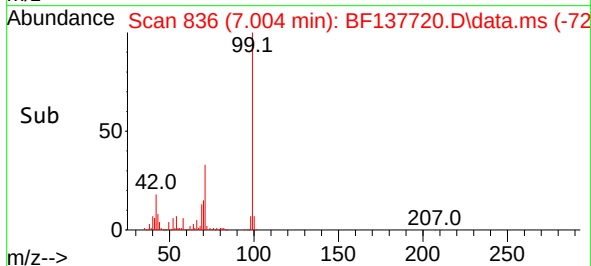
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 99 Resp: 27361
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 33.0 25.7 38.5

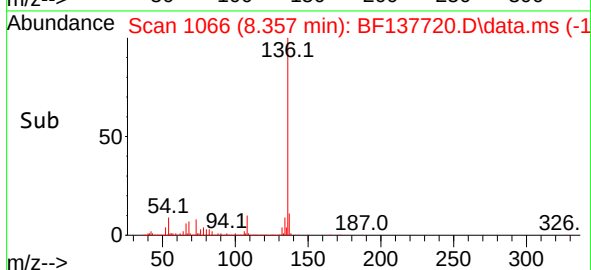
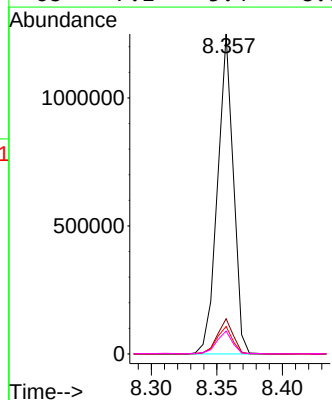
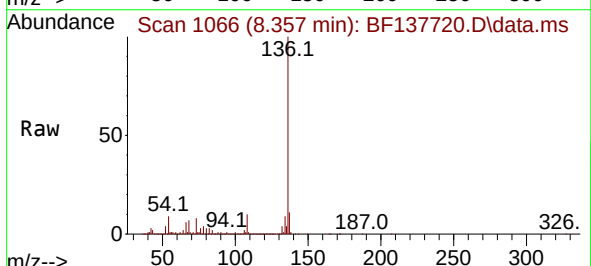
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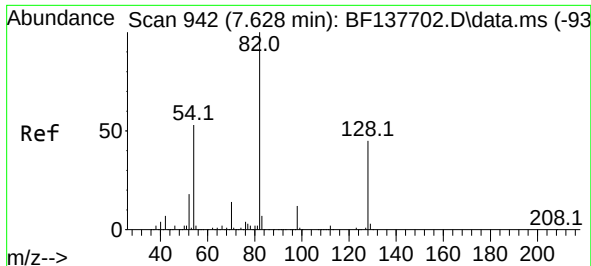
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.357 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

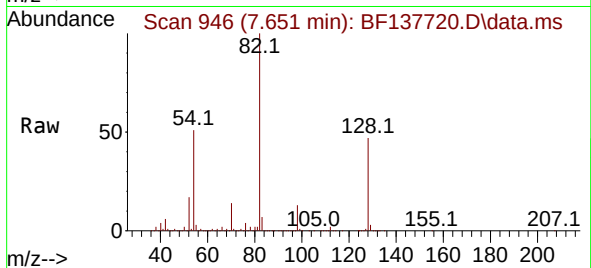
Tgt Ion:136 Resp: 1046272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 6.9 10.3
68 7.1 5.4 8.0





#23
Nitrobenzene-d5
Concen: 70.566 ng
RT: 7.651 min Scan# 94
Delta R.T. 0.024 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

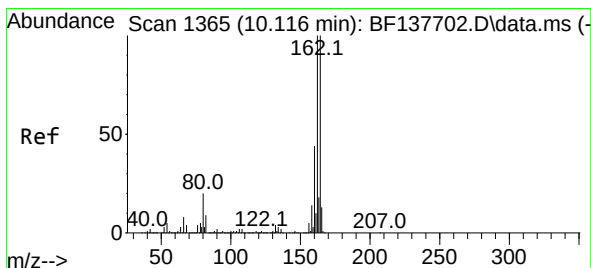
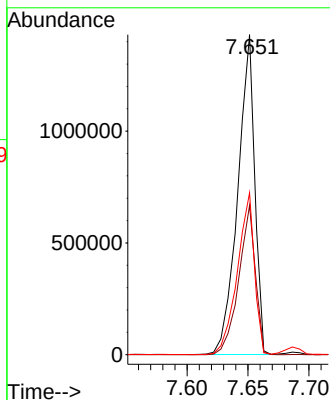
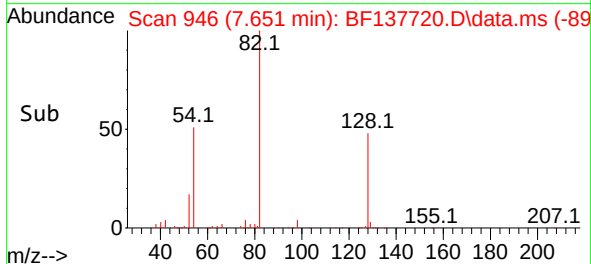
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 82 Resp: 1390854
Ion Ratio Lower Upper
82 100
128 46.7 35.8 53.6
54 50.6 42.5 63.7

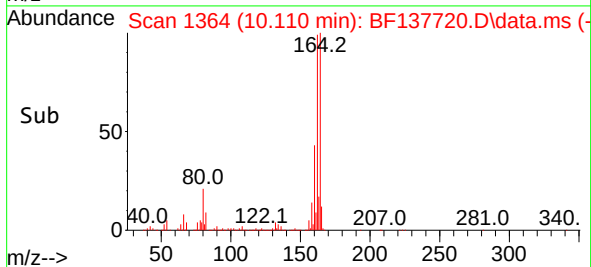
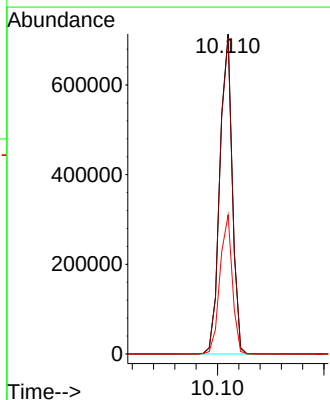
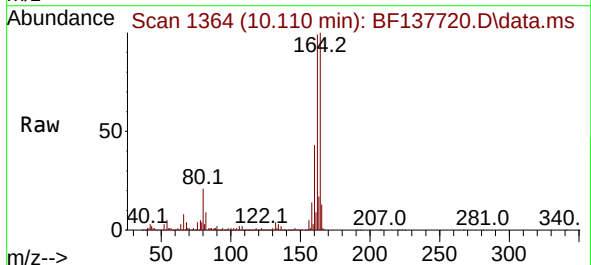
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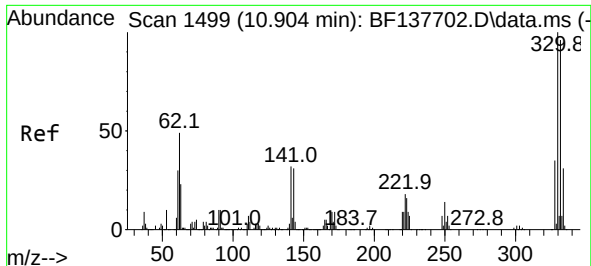
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

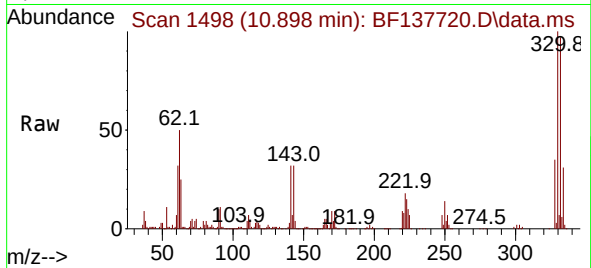
Tgt Ion:164 Resp: 574327
Ion Ratio Lower Upper
164 100
162 98.9 80.3 120.5
160 43.4 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 78.269 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

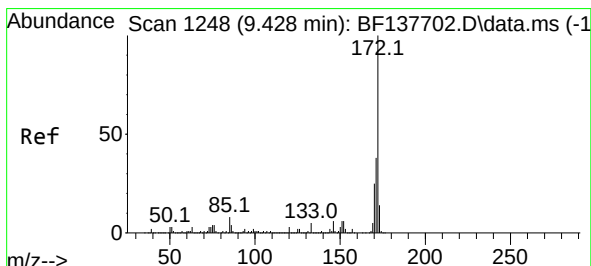
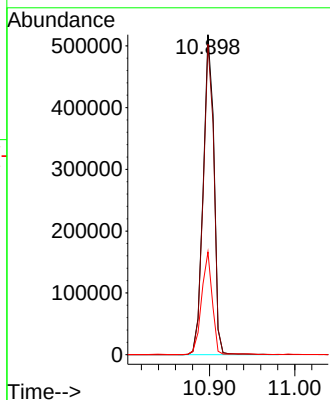
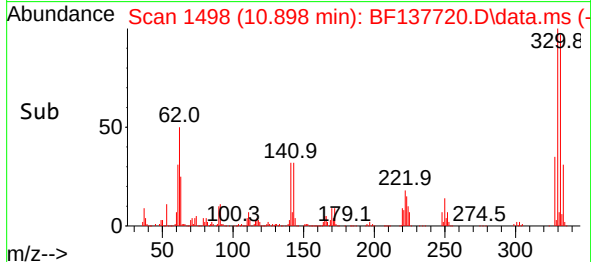
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion: 330 Resp: 453597
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.5 27.0 40.4

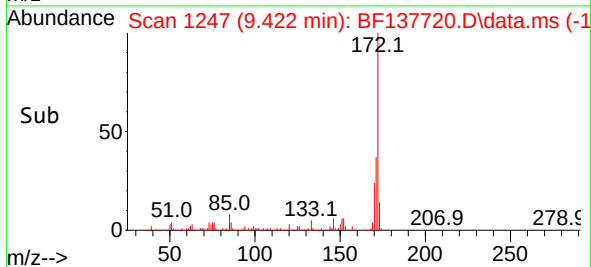
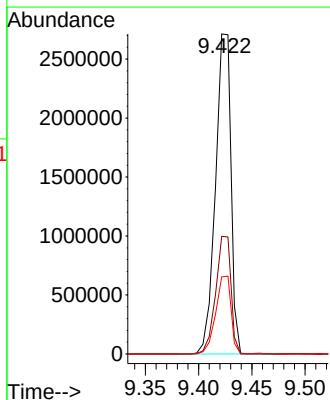
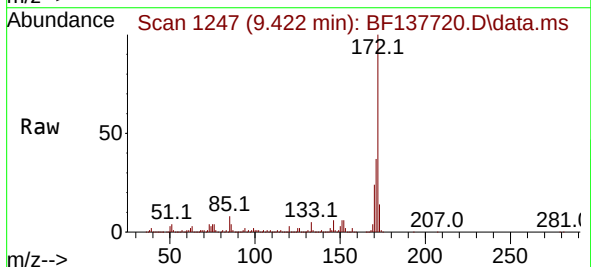
Manual Integrations
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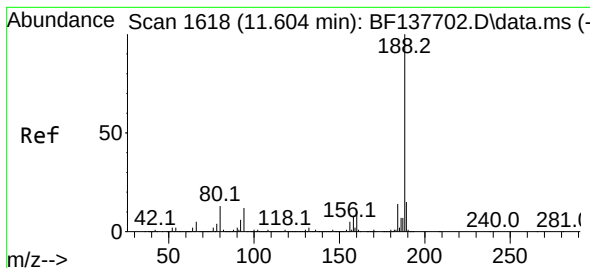
Reviewed By : Yogesh Patel 04/26/2024
Supervised By : mohammad ahmed 04/27/2024



#45
2-Fluorobiphenyl
Concen: 71.325 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

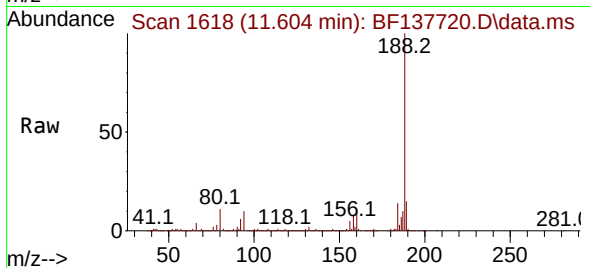
Tgt Ion: 172 Resp: 2741509
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 24.1 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

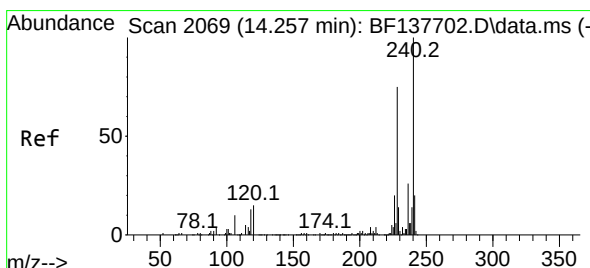
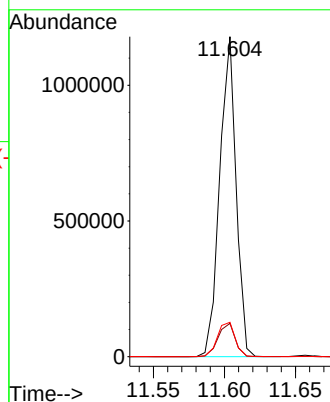
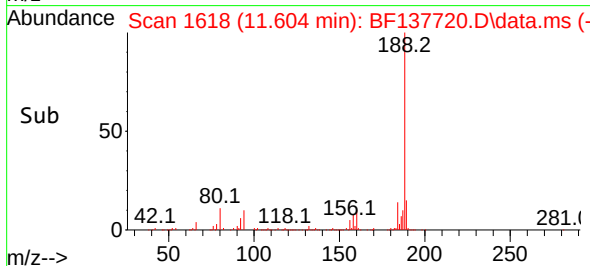
Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:188 Resp: 944748
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.4

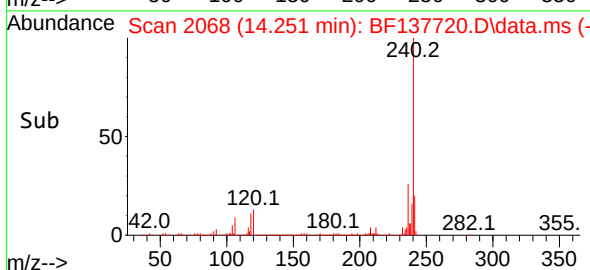
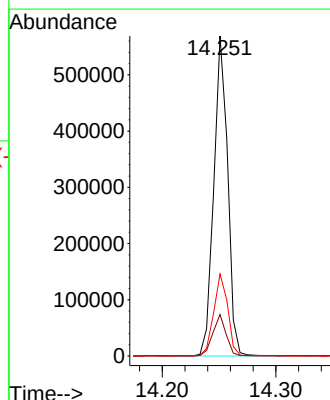
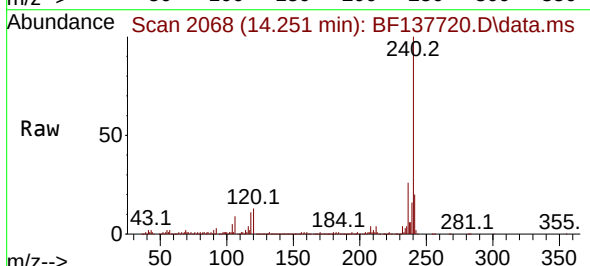
Manual Integrations
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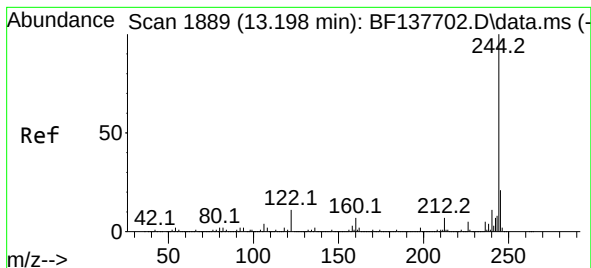
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137720.D
Acq: 24 Apr 2024 16:07

Tgt Ion:240 Resp: 482337
Ion Ratio Lower Upper
240 100
120 12.9 11.9 17.9
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 84.375 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137720.D

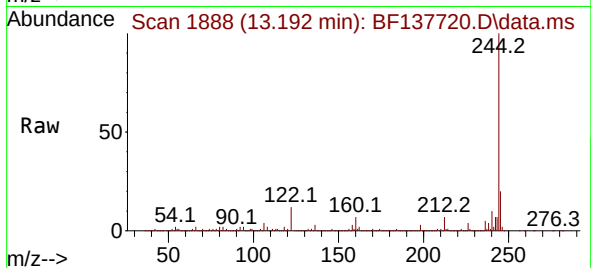
Acq: 24 Apr 2024 16:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW



Tgt Ion:244 Resp: 252846

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

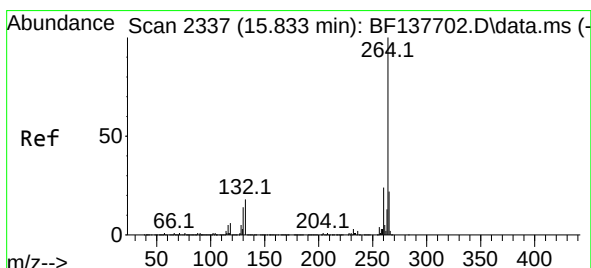
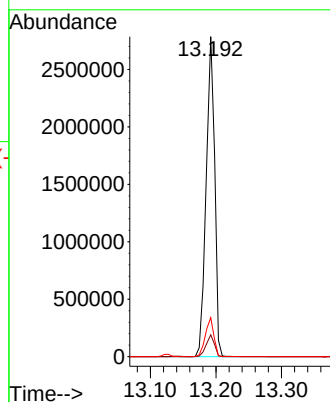
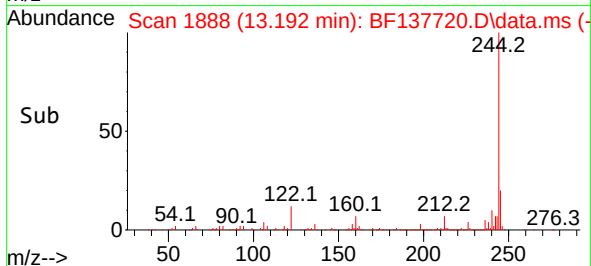
122 12.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137720.D

Acq: 24 Apr 2024 16:07

Tgt Ion:264 Resp: 584097

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 21.6 17.5 26.3

