

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138168.D
 Acq On : 07 Jun 2024 19:05
 Operator : CG\JU
 Sample : P2707-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 22:54:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	384148	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1493114	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	826350	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1233980	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	617925	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	534148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1791039	79.458	ng	0.00
7) Phenol-d6	6.528	99	2274070	79.738	ng	0.00
23) Nitrobenzene-d5	7.463	82	1310917	59.735	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	645499	81.169	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2554239	54.047	ng	0.00
79) Terphenyl-d14	13.010	244	2101534	50.869	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	124137	2.090	ng	95
75) Fluoranthene	12.633	202	139160	2.171	ng	94
78) Pyrene	12.863	202	112408	2.011	ng	95
88) Benzo(b)fluoranthene	15.104	252	83973m	2.501	ng	

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

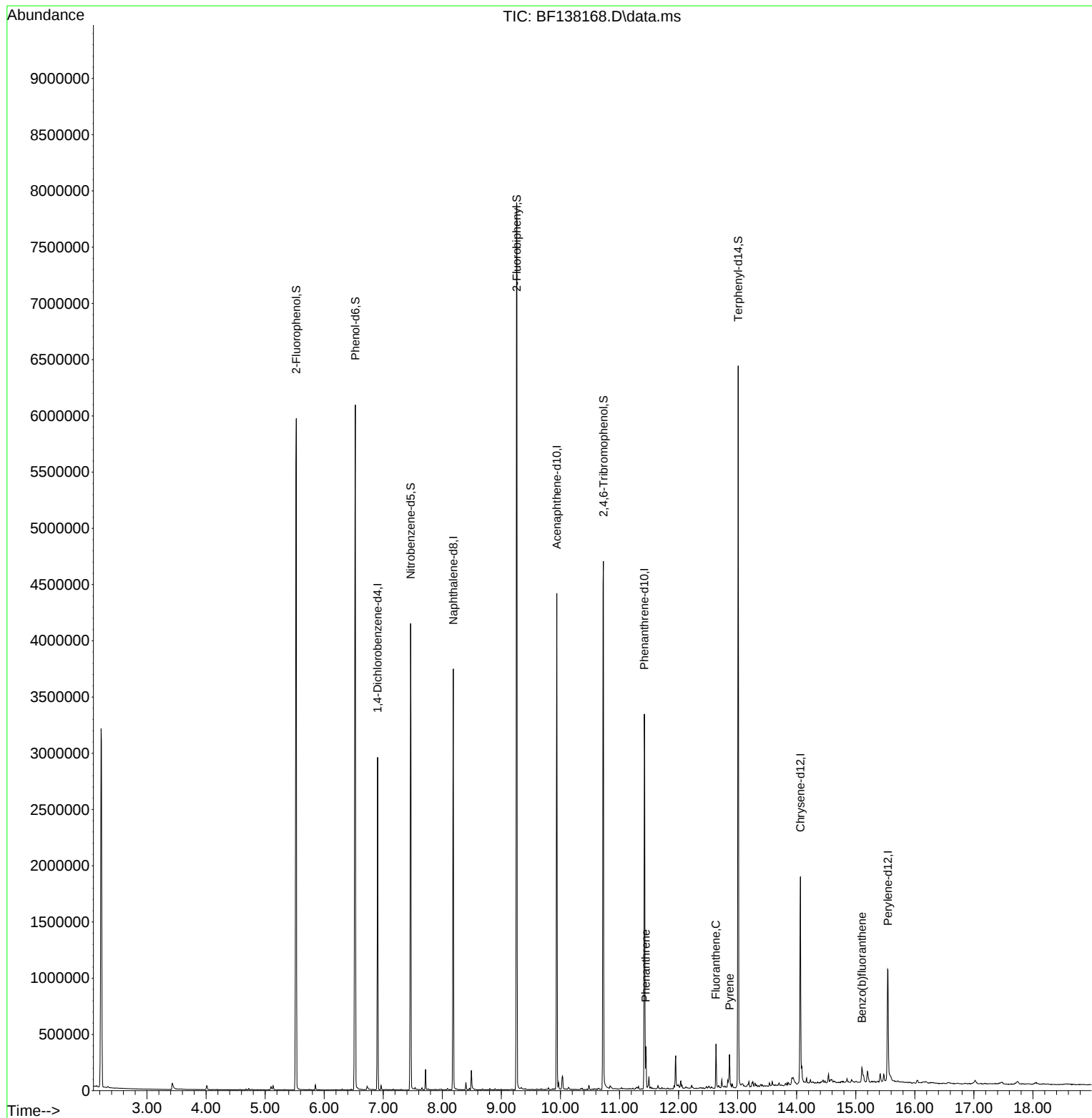
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138168.D
Acq On : 07 Jun 2024 19:05
Operator : CG\JU
Sample : P2707-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

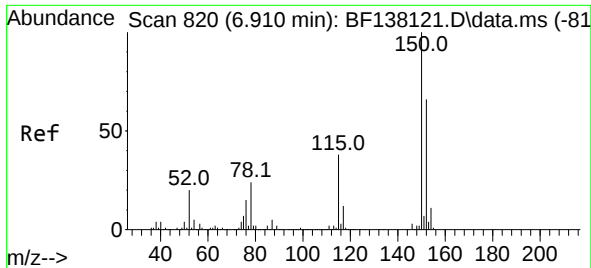
Instrument :
BNA_F
ClientSampleId :
CHA-1

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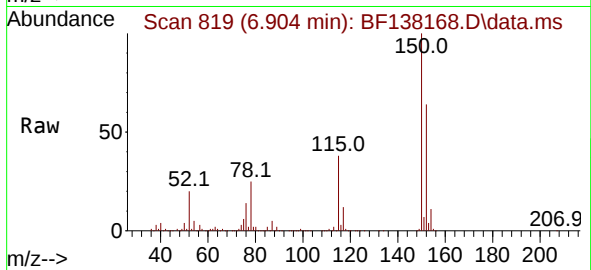
Quant Time: Jun 07 22:54:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

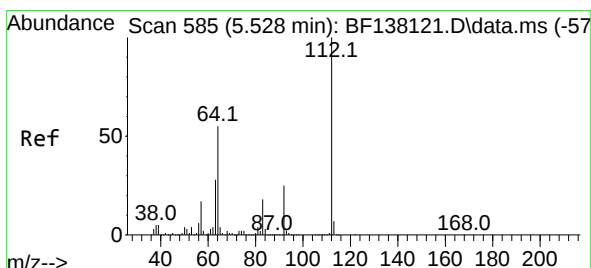
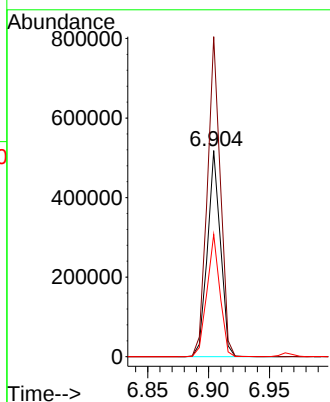
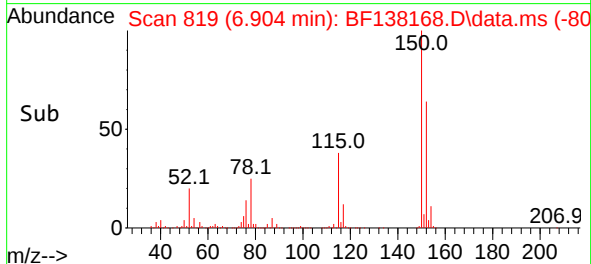
Instrument :
BNA_F
ClientSampleId :
CHA-1



Tgt Ion:152 Resp: 38414
Ion Ratio Lower Upper
152 100
150 155.3 121.8 182.6
115 59.3 46.2 69.2

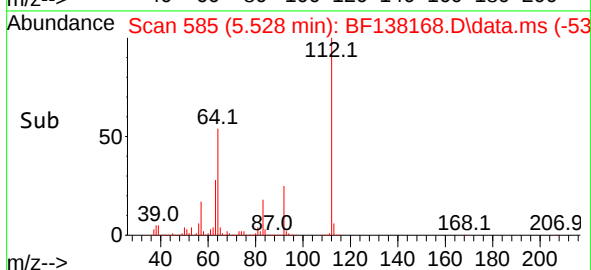
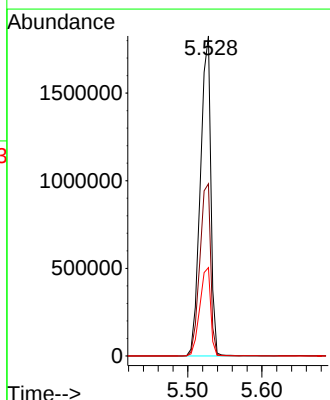
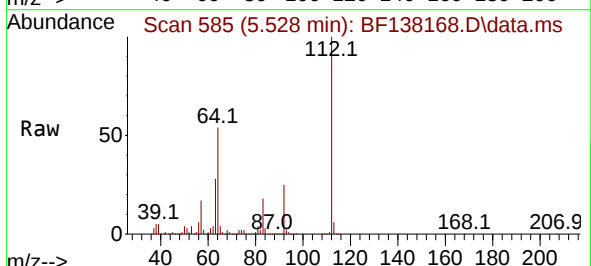
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#5
2-Fluorophenol
Concen: 79.458 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

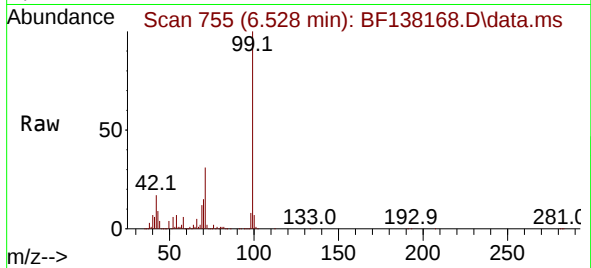
Tgt Ion:112 Resp: 1791039
Ion Ratio Lower Upper
112 100
64 53.8 44.0 66.0
63 27.6 22.1 33.1





#7
Phenol-d6
Concen: 79.738 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

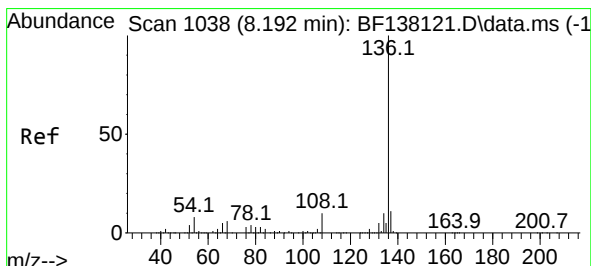
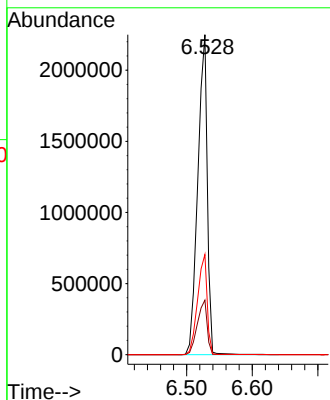
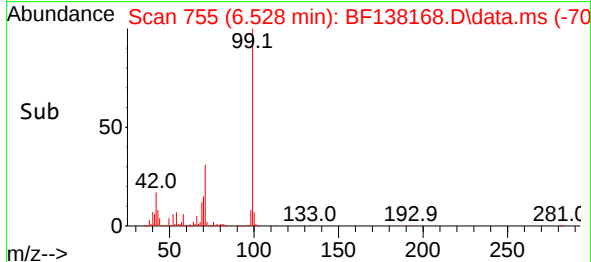
Instrument :
BNA_F
ClientSampleId :
CHA-1



Tgt Ion: 99 Resp: 2274070
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 31.3 25.5 38.3

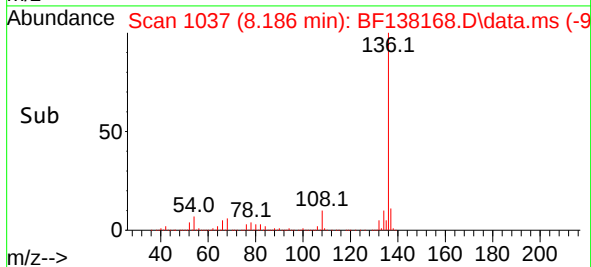
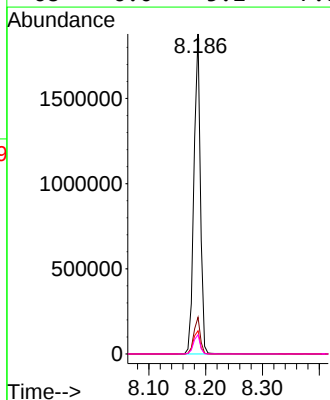
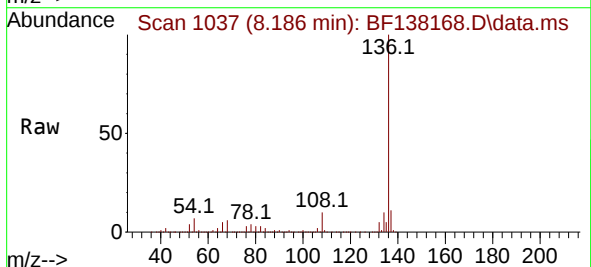
Manual Integrations
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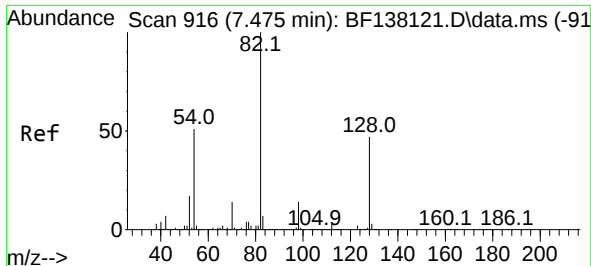
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

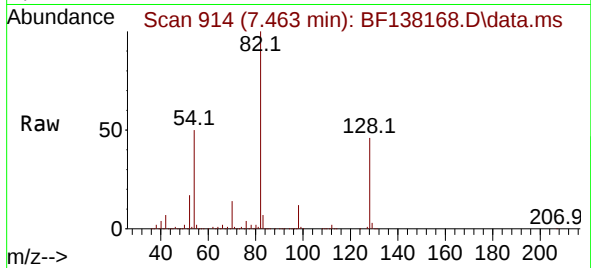
Tgt Ion:136 Resp: 1493114
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.2 6.2 9.2
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 59.735 ng
RT: 7.463 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

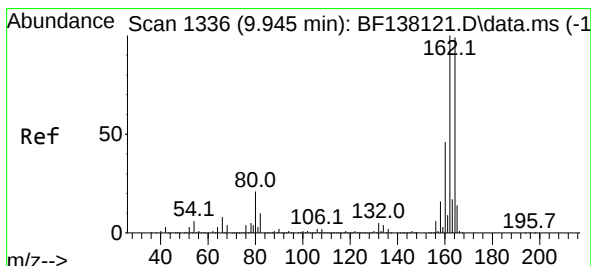
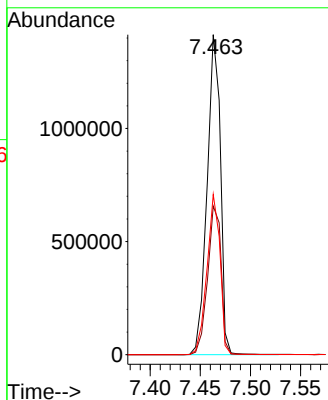
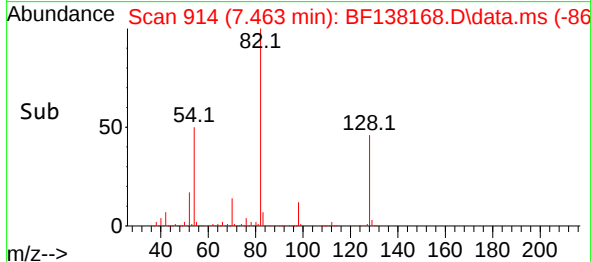
Instrument :
BNA_F
ClientSampleId :
CHA-1



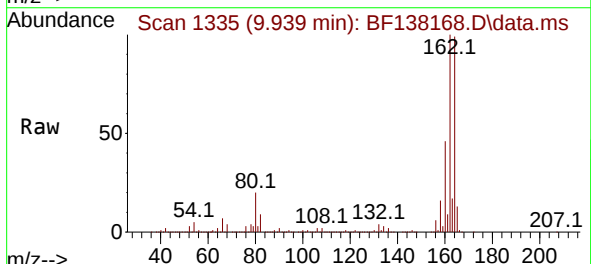
Tgt Ion: 82 Resp: 131091
Ion Ratio Lower Upper
82 100
128 46.4 37.7 56.5
54 50.1 40.8 61.2

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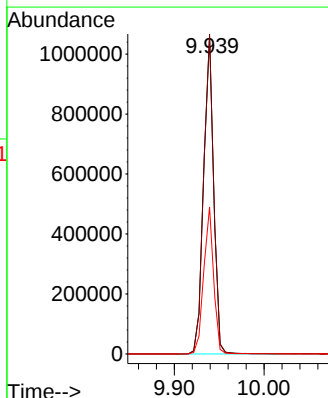
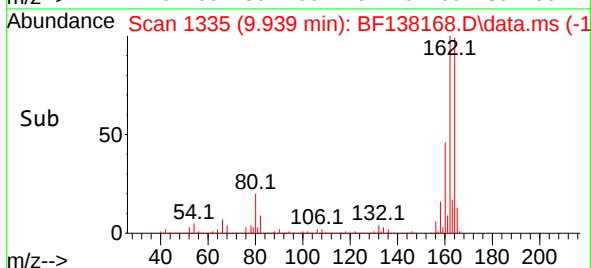
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

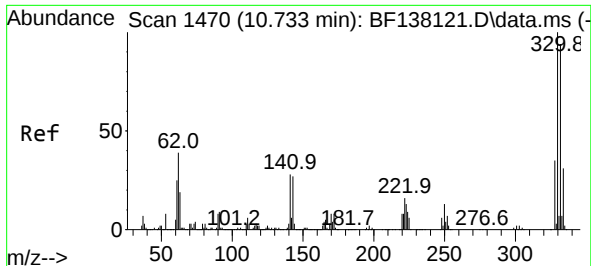


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05



Tgt Ion:164 Resp: 826350
Ion Ratio Lower Upper
164 100
162 100.6 80.9 121.3
160 46.2 37.0 55.6





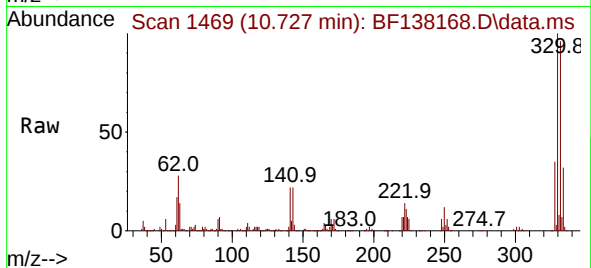
#42
2,4,6-Tribromophenol
Concen: 81.169 ng
RT: 10.727 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

Instrument :

BNA_F

ClientSampleId :

CHA-1



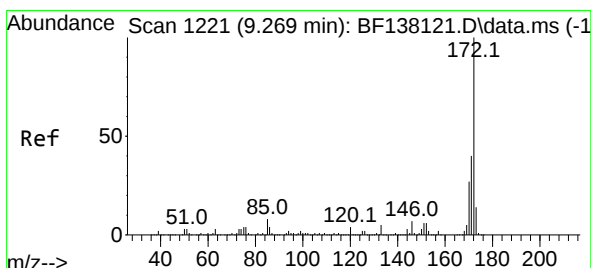
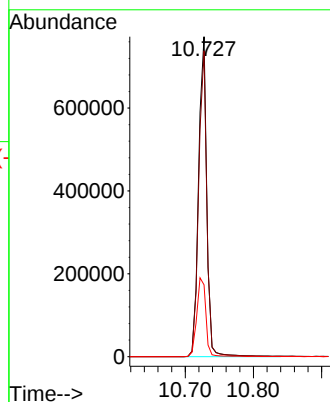
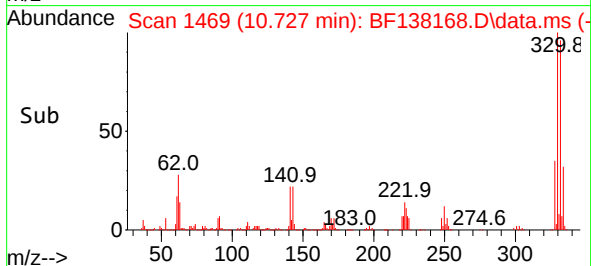
Tgt Ion:330 Resp: 645499
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.8
141 27.6 23.2 34.8

Manual Integrations

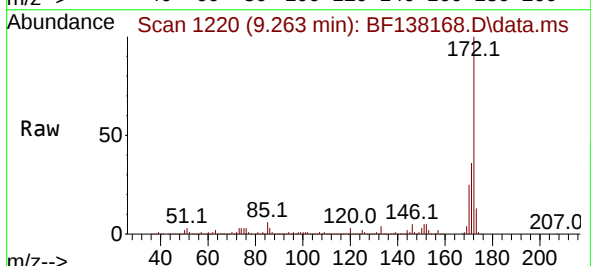
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

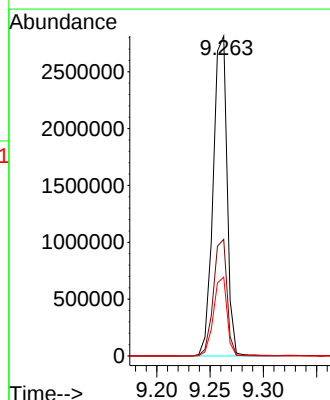
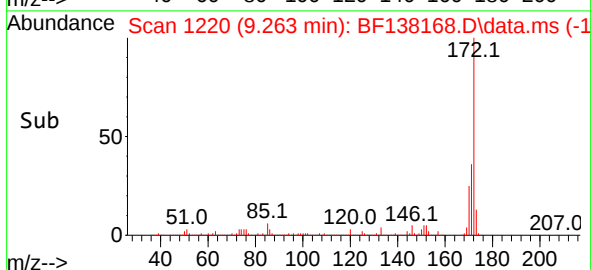
Supervised By :mohammad ahmed 06/10/2024

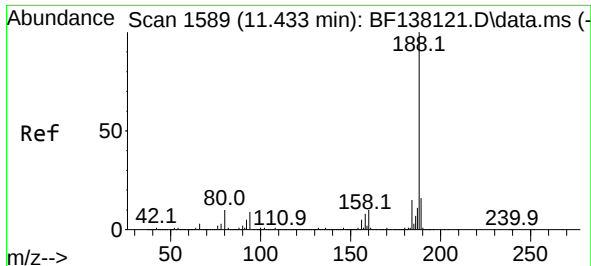


#45
2-Fluorobiphenyl
Concen: 54.047 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05



Tgt Ion:172 Resp: 2554239
Ion Ratio Lower Upper
172 100
171 36.5 31.6 47.4
170 24.7 21.4 32.2





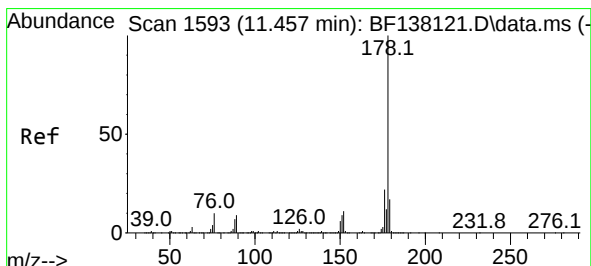
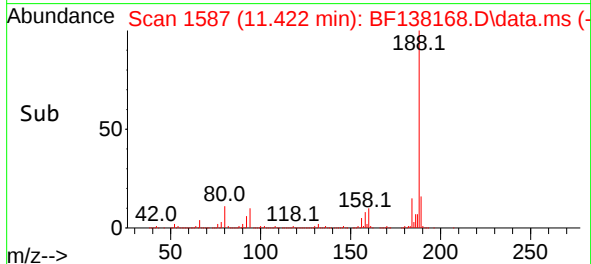
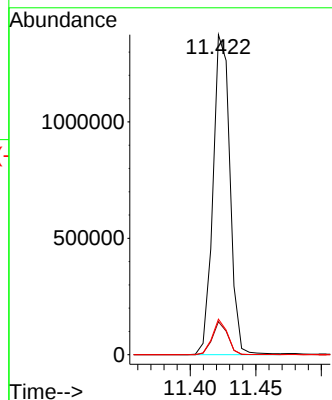
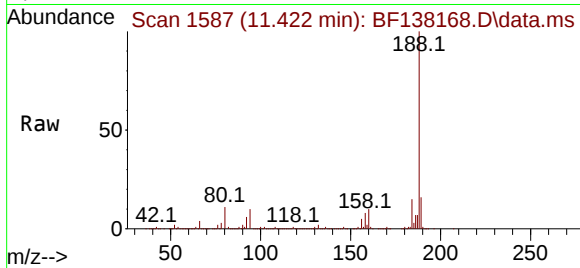
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

Instrument :
BNA_F
ClientSampleId :
CHA-1

Tgt Ion:188 Resp: 1233980
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.1 7.7 11.5

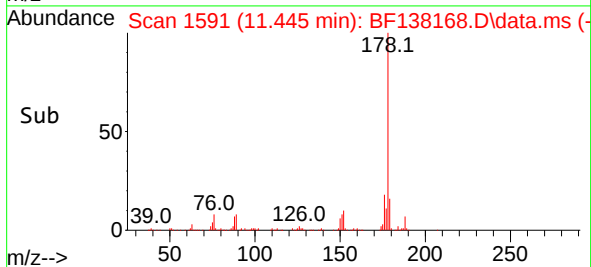
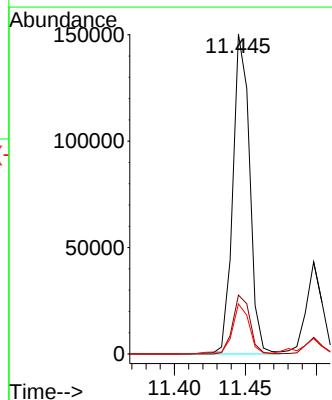
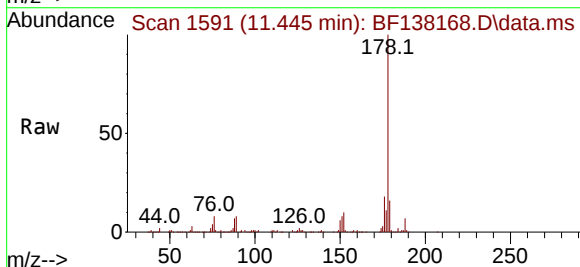
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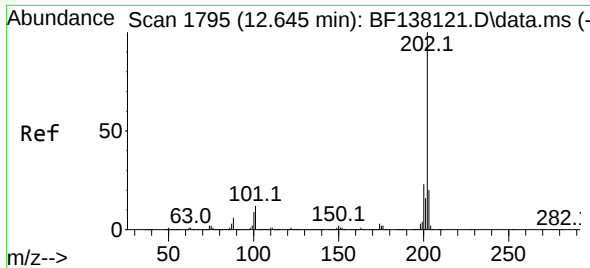
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#71
Phenanthrene
Concen: 2.090 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

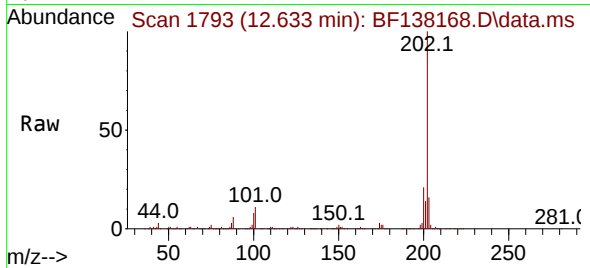
Tgt Ion:178 Resp: 124137
Ion Ratio Lower Upper
178 100
176 18.4 17.2 25.8
179 15.6 13.6 20.4





#75
Fluoranthene
Concen: 2.171 ng
RT: 12.633 min Scan# 1795
Delta R.T. -0.012 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

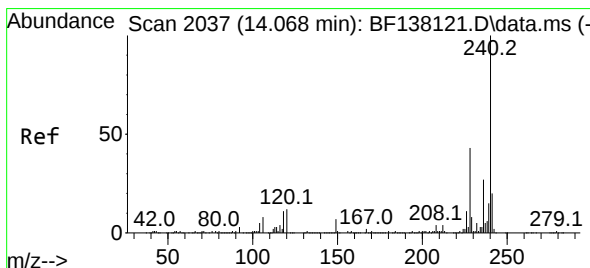
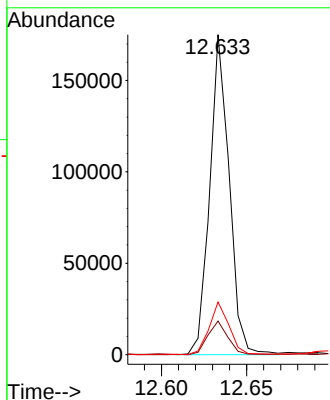
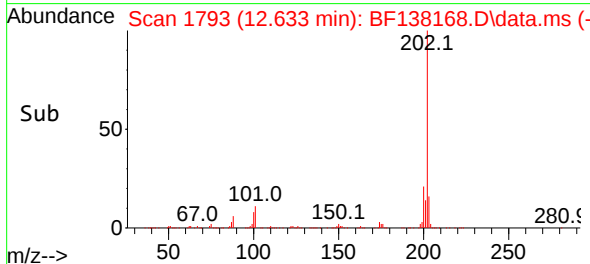
Instrument :
BNA_F
ClientSampleId :
CHA-1



Tgt Ion:202 Resp: 139160
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.2
203 16.5 0.0 39.5

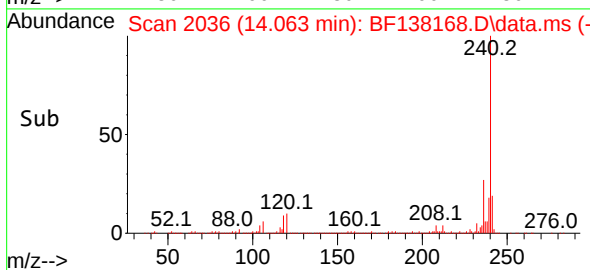
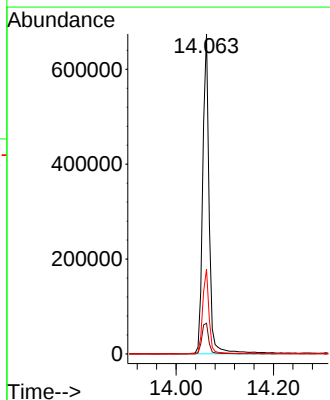
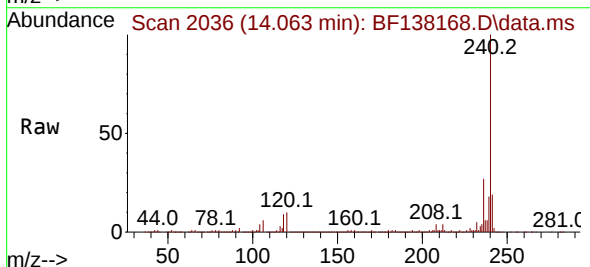
Manual Integrations
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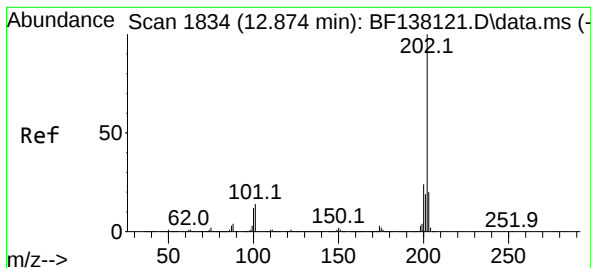
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

Tgt Ion:240 Resp: 617925
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8#
236 26.5 21.2 31.8





#78

Pyrene

Concen: 2.011 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.012 min

Lab File: BF138168.D

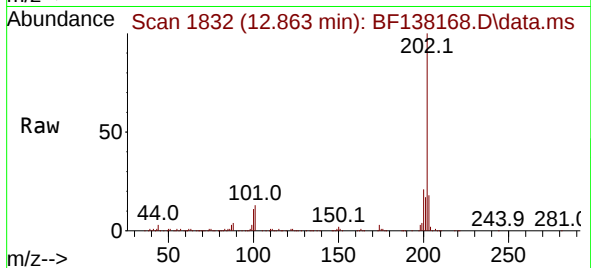
Acq: 07 Jun 2024 19:05

Instrument :

BNA_F

ClientSampleId :

CHA-1



Tgt Ion:202 Resp: 112408

Ion Ratio Lower Upper

202 100

200 21.1 19.1 28.7

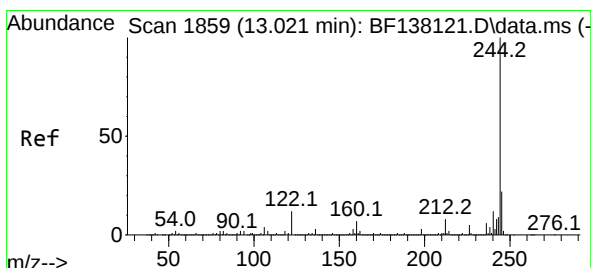
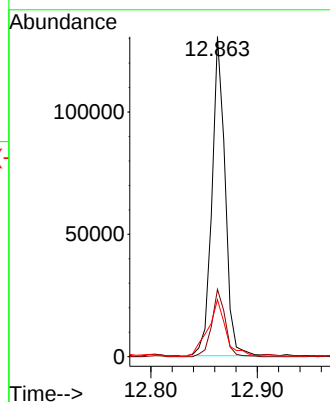
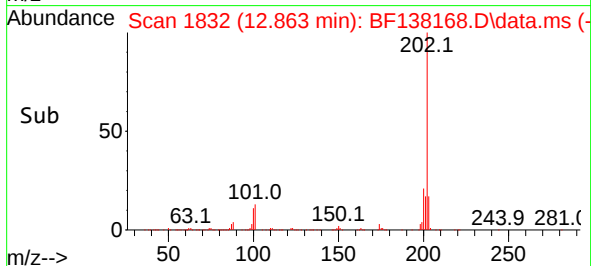
203 17.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#79

Terphenyl-d14

Concen: 50.869 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BF138168.D

Acq: 07 Jun 2024 19:05

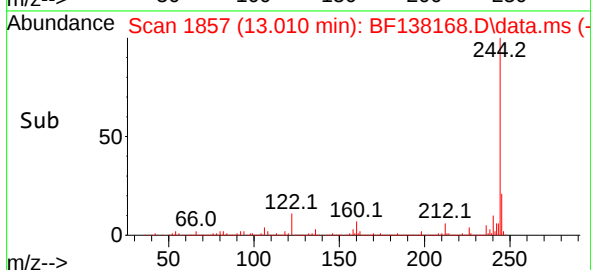
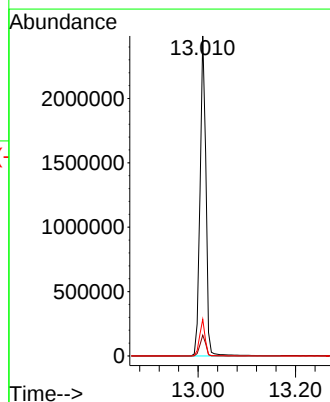
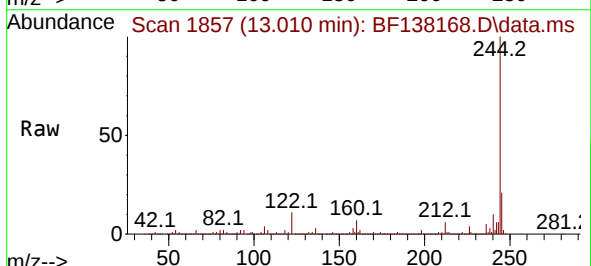
Tgt Ion:244 Resp: 2101534

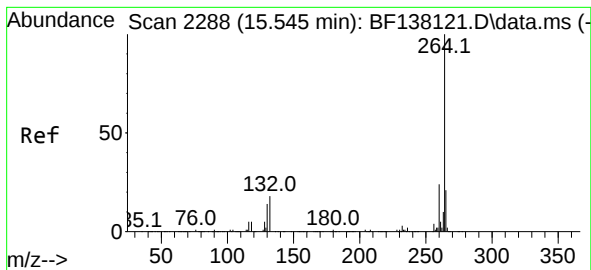
Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

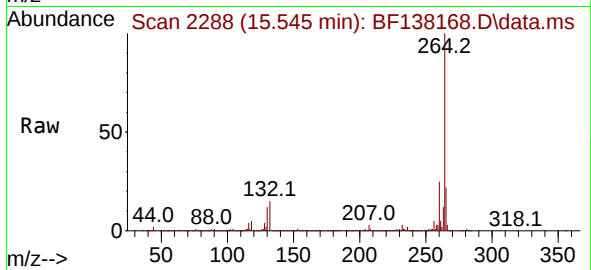
122 11.5 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

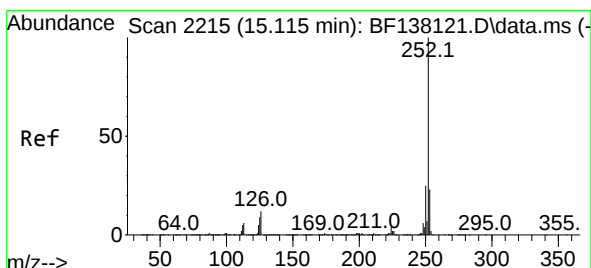
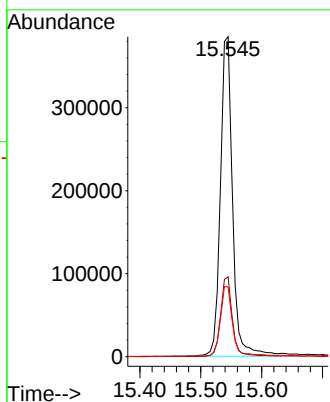
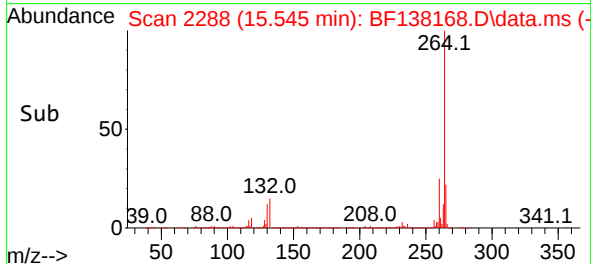
Instrument :
BNA_F
ClientSampleId :
CHA-1



Tgt Ion:264 Resp: 53414
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.8 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#88
Benzo(b)fluoranthene
Concen: 2.501 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.012 min
Lab File: BF138168.D
Acq: 07 Jun 2024 19:05

Tgt Ion:252 Resp: 83973
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 11.2 7.4 11.2#

