

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128654.D
 Acq On : 02 Jun 2022 23:10
 Operator : CG\JU
 Sample : N3099-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-F

Quant Time: Jun 03 03:27:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/03/2022
 Supervised By :Jagrut Upadhyay 06/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	97192	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	371790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	208766	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	385973	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	232785	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	188397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2706	0.443	ng	0.02
7) Phenol-d6	6.504	99	36295	4.873	ng	0.00
23) Nitrobenzene-d5	7.387	82	450915	56.467	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	332	0.135	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	708028	47.508	ng	-0.01
79) Terphenyl-d14	12.939	244	732291	54.662	ng	0.00
Target Compounds						
75) Fluoranthene	12.569	202	47291	2.337	ng	94
78) Pyrene	12.792	202	48578	2.805	ng	99
88) Benzo(b)fluoranthene	15.027	252	27808m	2.310	ng	
90) Benzo(a)pyrene	15.392	252	21088	2.229	ng	99

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

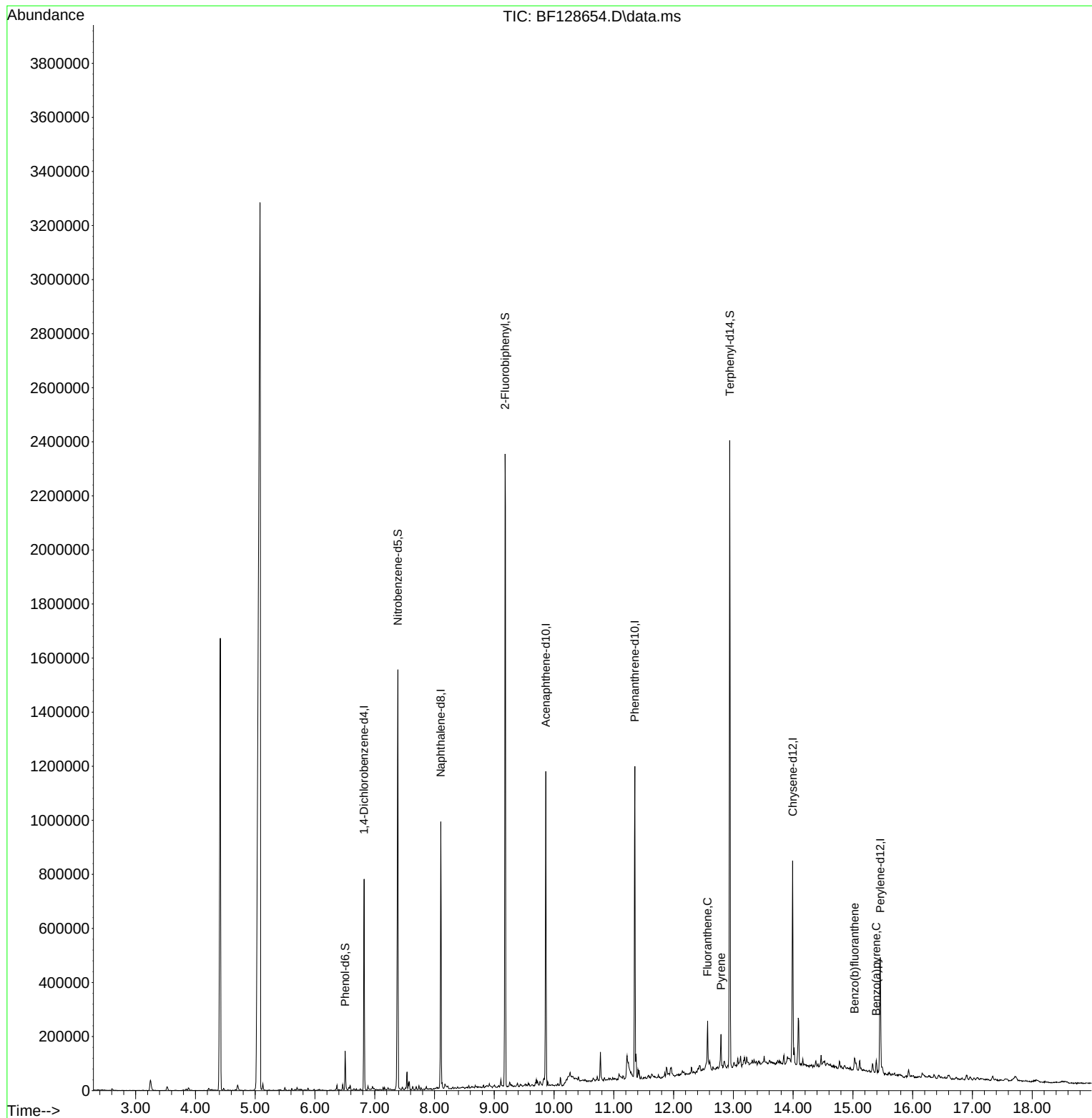
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128654.D
Acq On : 02 Jun 2022 23:10
Operator : CG\JU
Sample : N3099-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

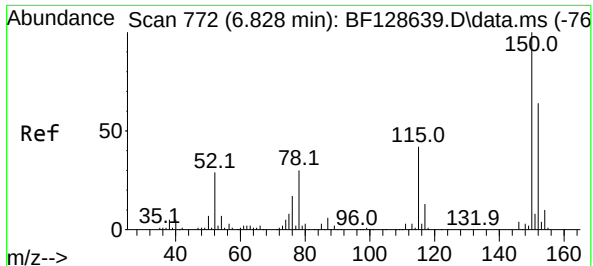
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

Quant Time: Jun 03 03:27:59 2022
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APPROVED

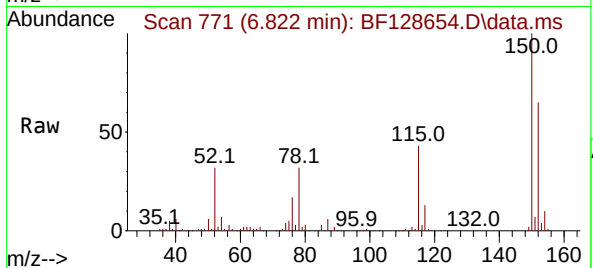
Reviewed By : Christian Giraldo 06/03/2022
Supervised By : Jagrut Upadhyay 06/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

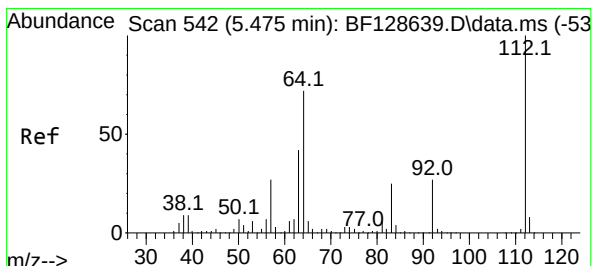
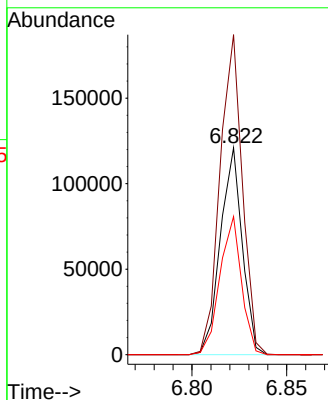
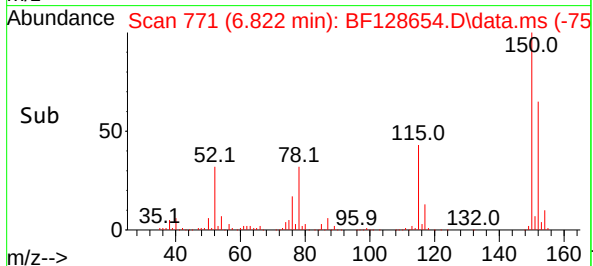
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F



Tgt Ion:152 Resp: 97192
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 66.8 49.9 74.9

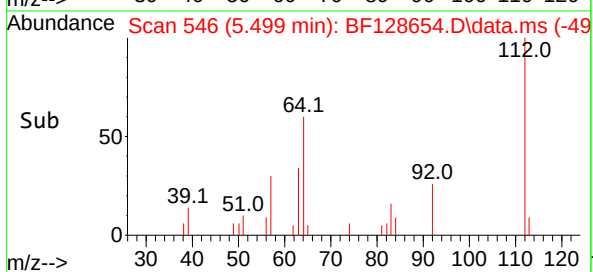
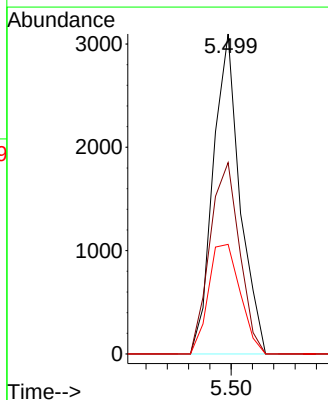
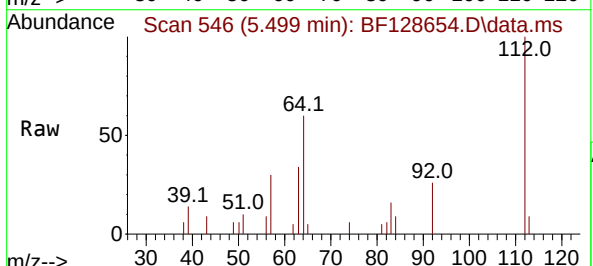
Manual Integrations
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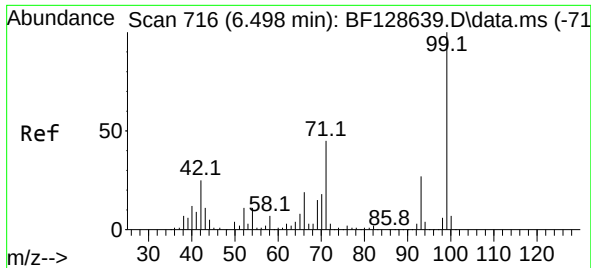
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#5
2-Fluorophenol
Concen: 0.443 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.024 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

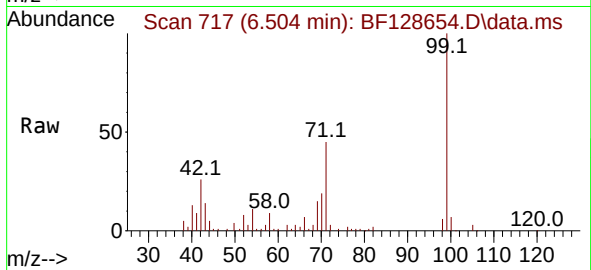
Tgt Ion:112 Resp: 2706
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 34.3 28.0 42.0





#7
Phenol-d6
Concen: 4.873 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

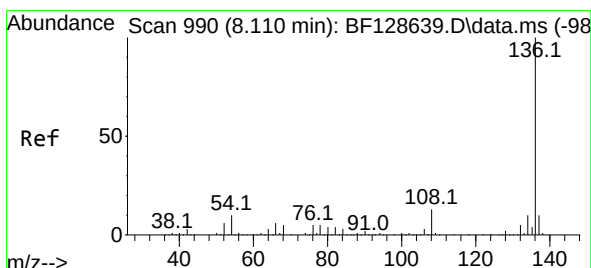
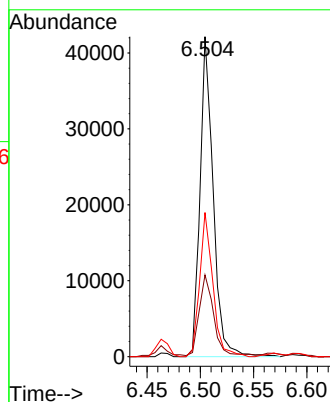
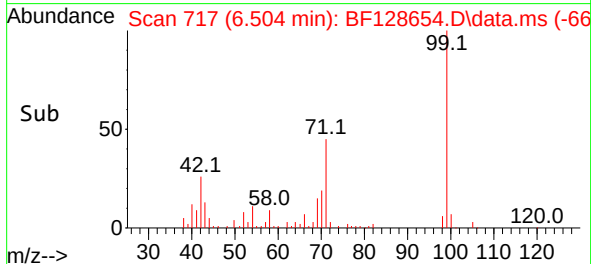
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F



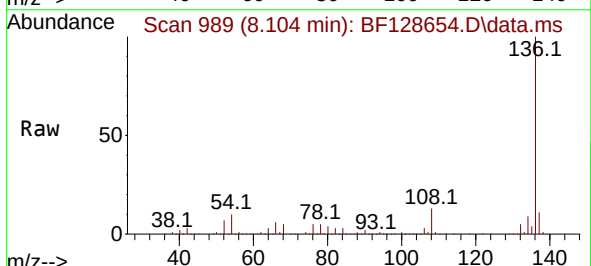
Tgt Ion: 99 Resp: 3629
Ion Ratio Lower Upper
99 100
42 25.6 17.3 25.9
71 45.0 28.9 43.3

Manual Integrations
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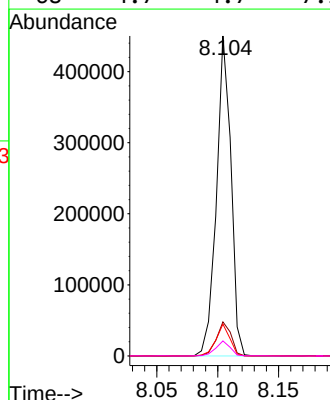
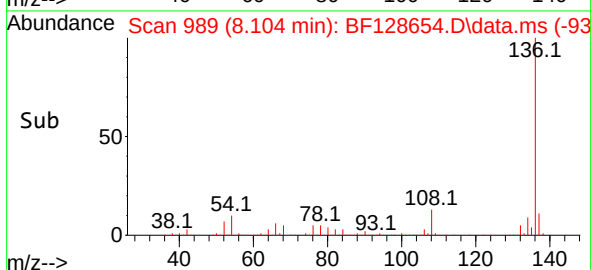
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

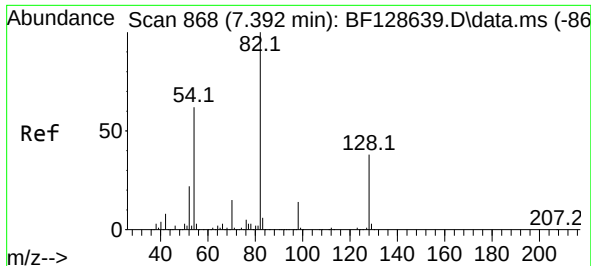


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10



Tgt Ion:136 Resp: 371790
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.9 7.5 11.3
68 4.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 56.467 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.005 min

Lab File: BF128654.D

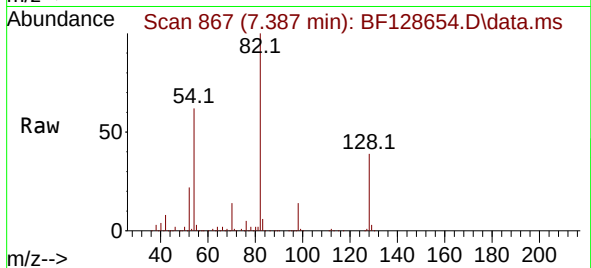
Acq: 02 Jun 2022 23:10

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-F



Tgt Ion: 82 Resp: 450915

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

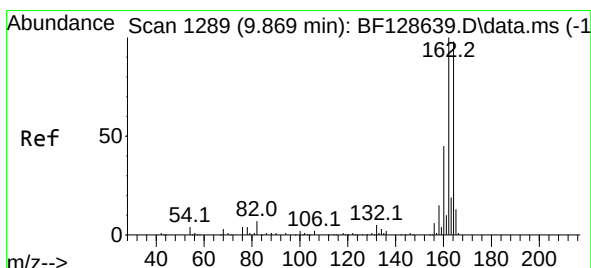
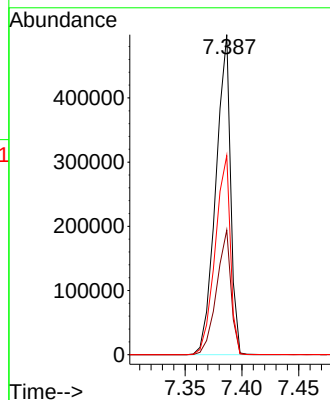
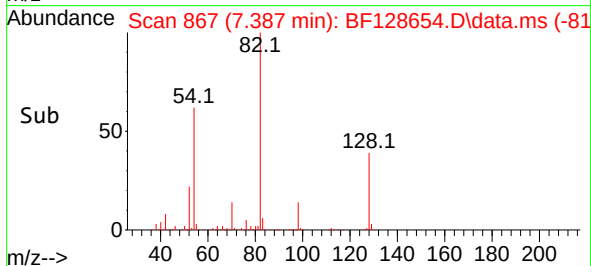
54 62.2 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

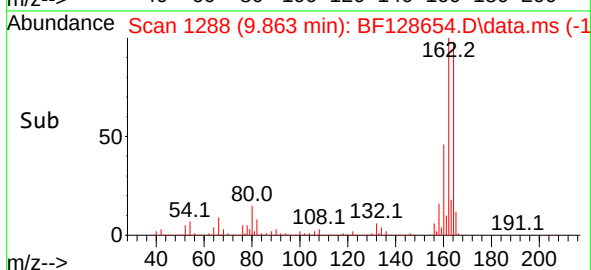
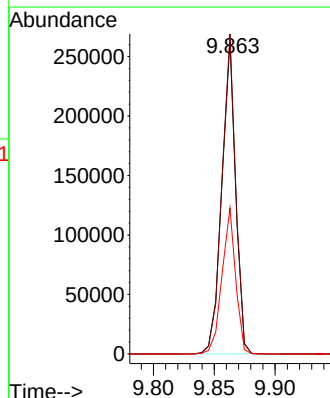
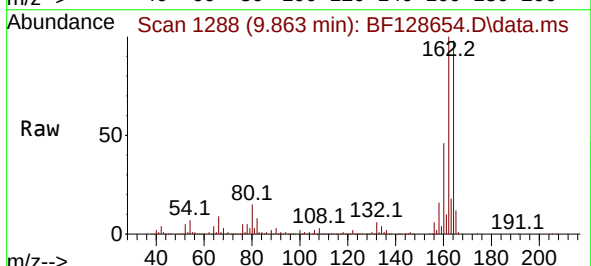
Tgt Ion:164 Resp: 208766

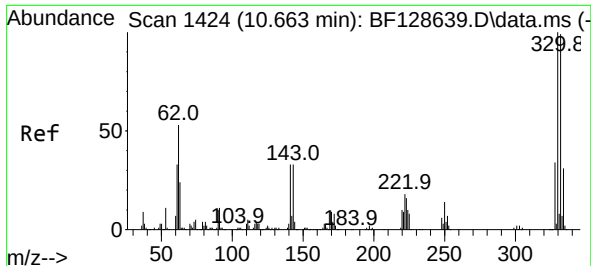
Ion Ratio Lower Upper

164 100

162 102.0 79.5 119.3

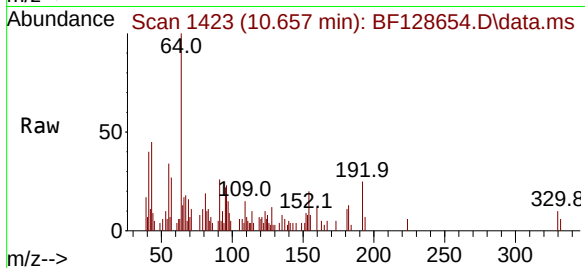
160 46.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 10.657 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

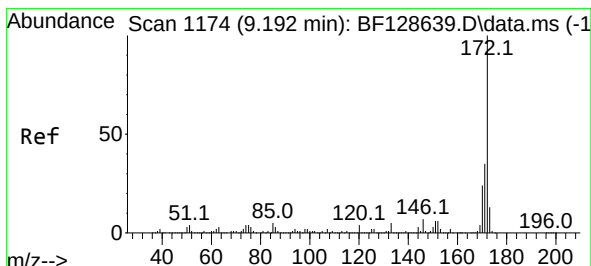
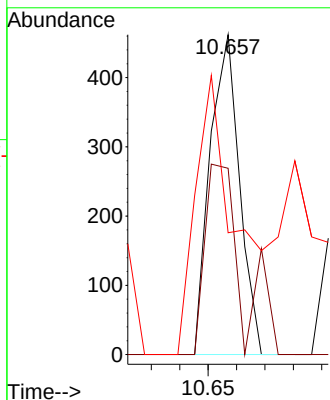
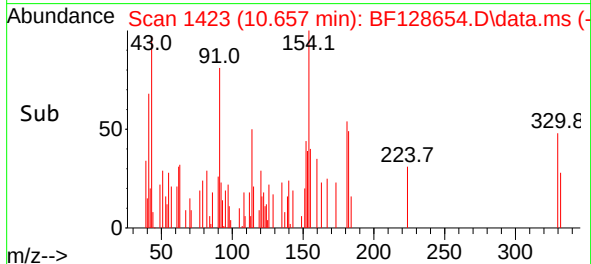
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-F



Tgt Ion: 330 Resp: 330
Ion Ratio Lower Upper
330 100
332 74.1 76.8 115.2
141 121.1 28.0 42.0

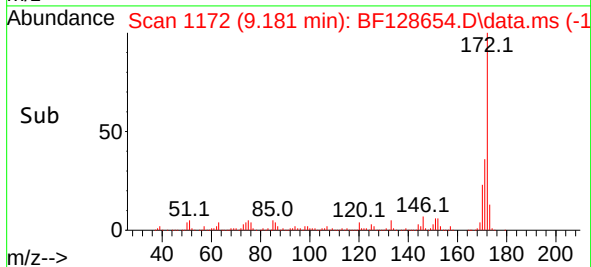
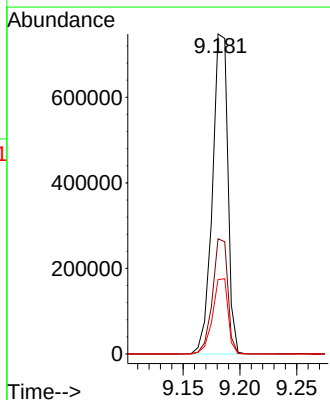
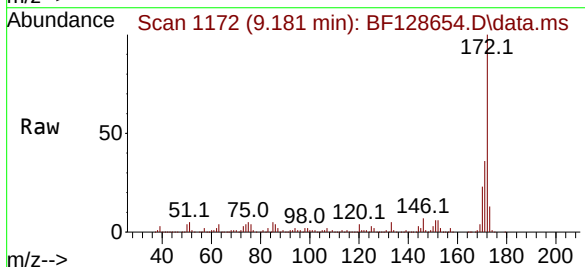
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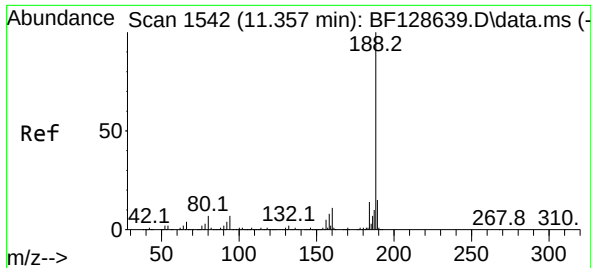
Reviewed By : Christian Giraldo 06/03/2022
Supervised By : Jagrut Upadhyay 06/03/2022



#45
2-Fluorobiphenyl
Concen: 47.508 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

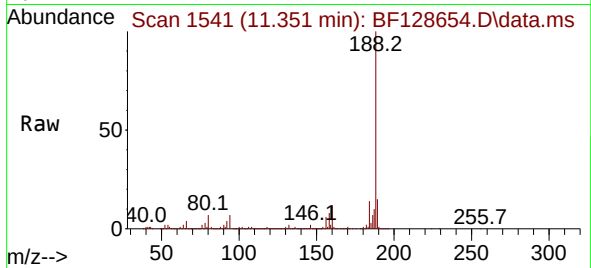
Tgt Ion: 172 Resp: 708028
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

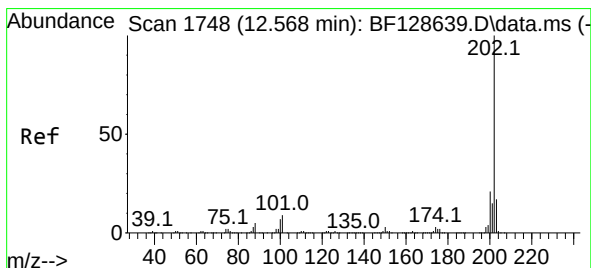
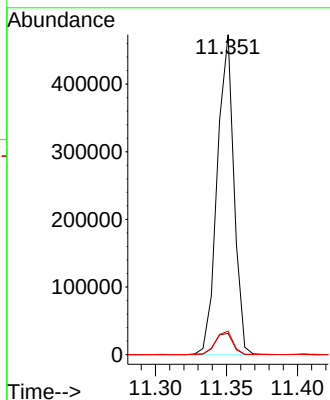
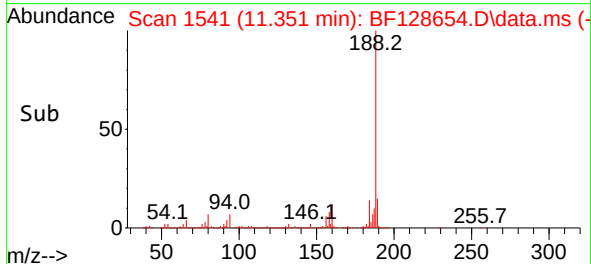
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F



Tgt Ion:188 Resp: 38597
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6
80 7.4 7.6 11.4

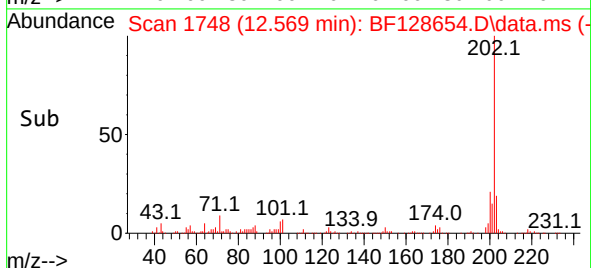
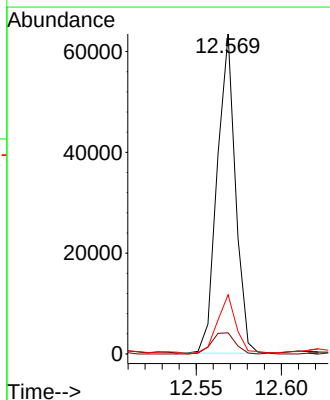
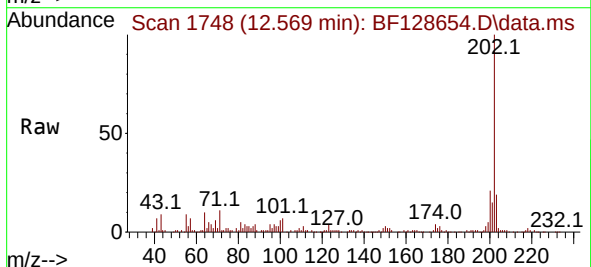
Manual Integrations
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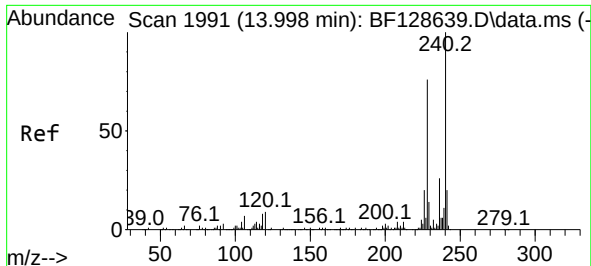
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#75
Fluoranthene
Concen: 2.337 ng
RT: 12.569 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

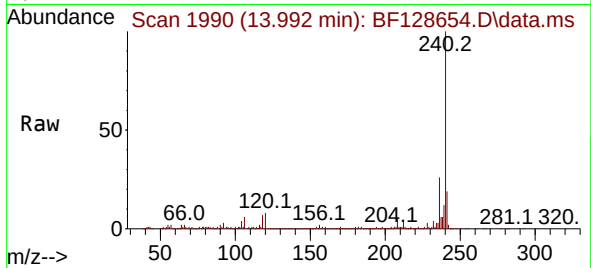
Tgt Ion:202 Resp: 47291
Ion Ratio Lower Upper
202 100
101 6.6 0.0 31.4
203 18.5 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

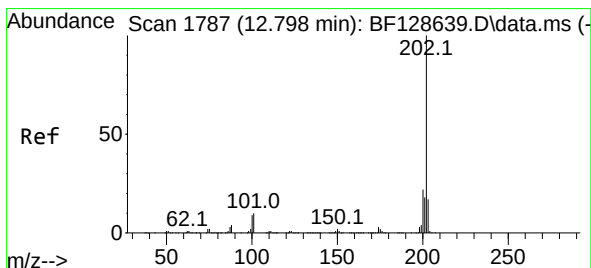
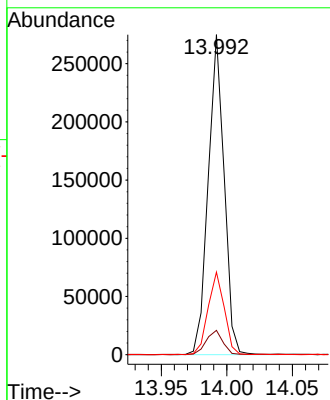
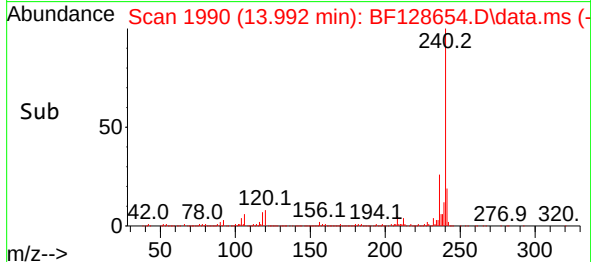
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-F



Tgt Ion:240 Resp: 232785
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3
236 25.8 20.8 31.2

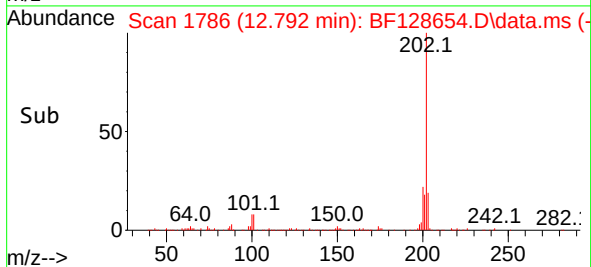
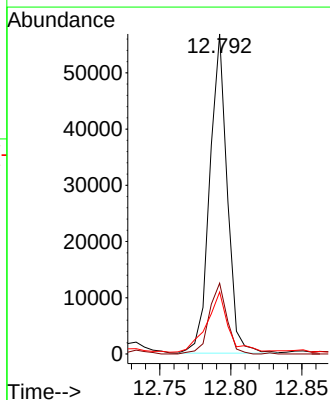
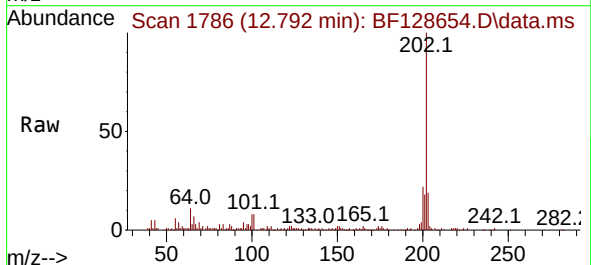
Manual Integrations
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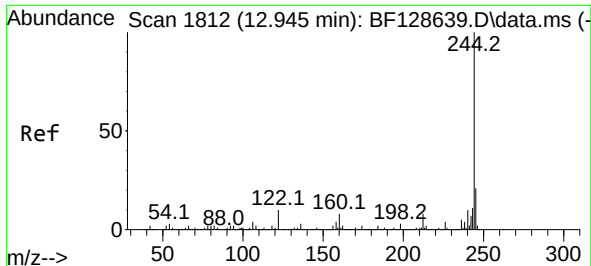
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#78
Pyrene
Concen: 2.805 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

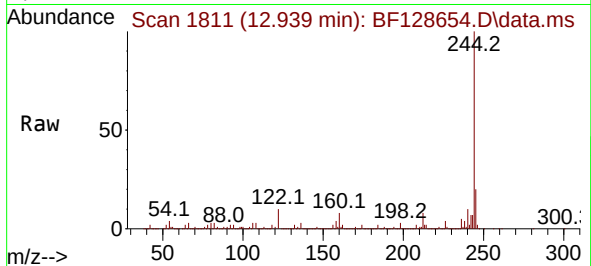
Tgt Ion:202 Resp: 48578
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 19.4 14.6 21.8





#79
Terphenyl-d14
Concen: 54.662 ng
RT: 12.939 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

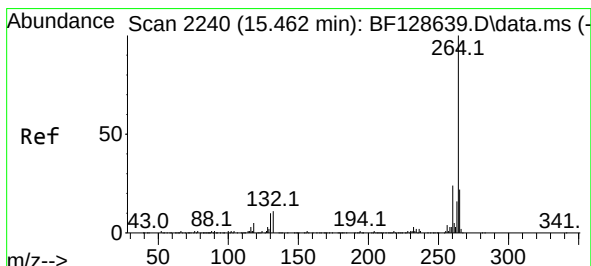
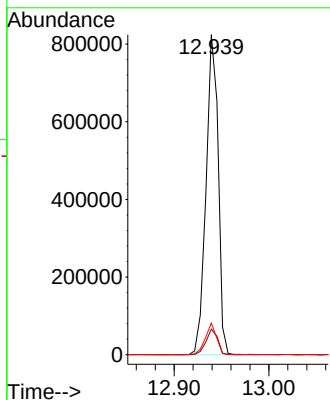
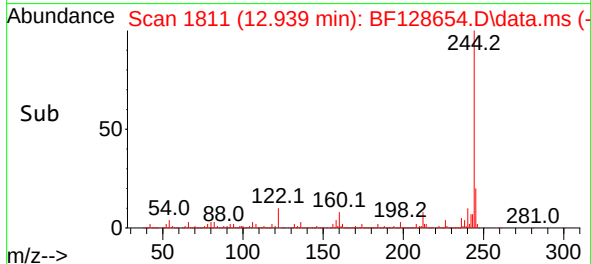
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F



Tgt Ion:244 Resp: 73229
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 9.9 8.8 13.2

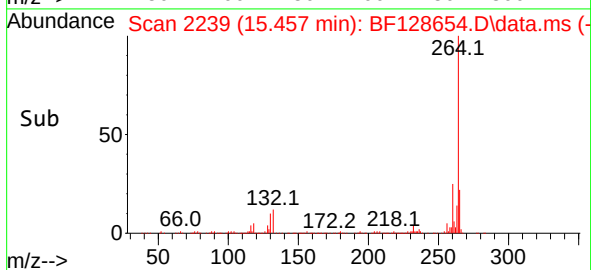
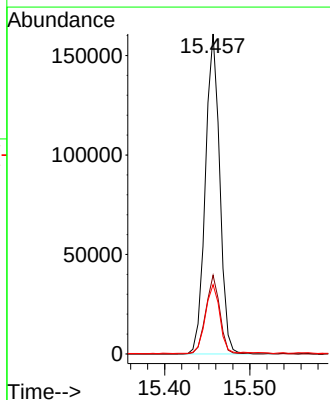
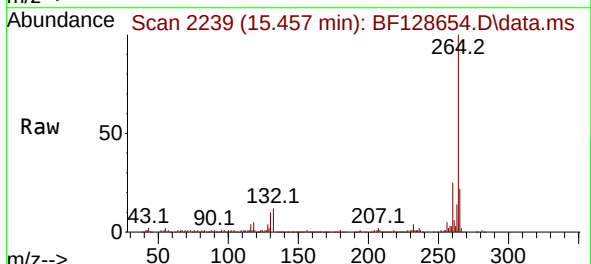
Manual Integrations
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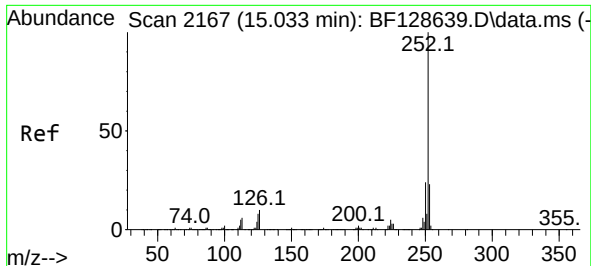
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

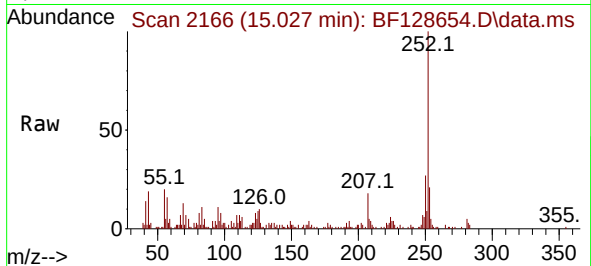
Tgt Ion:264 Resp: 188397
Ion Ratio Lower Upper
264 100
260 24.6 18.4 27.6
265 21.7 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.310 ng m
RT: 15.027 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

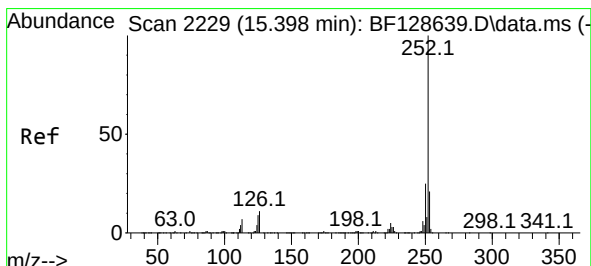
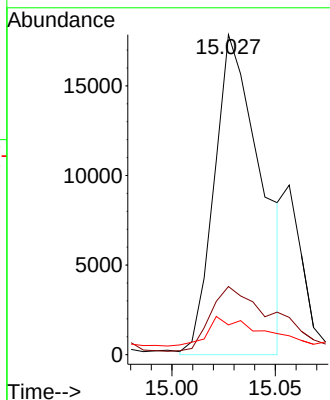
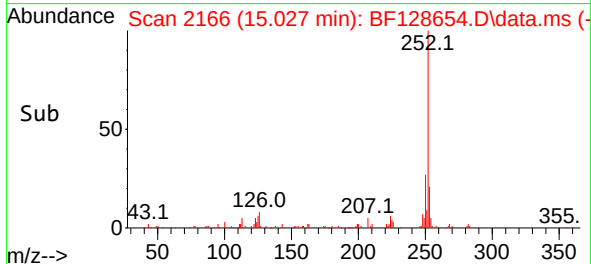
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-F



Tgt Ion:252 Resp: 27808
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 9.3 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#90
Benzo(a)pyrene
Concen: 2.229 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:252 Resp: 21088
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 8.8 13.2

