

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128695.D
 Acq On : 06 Jun 2022 14:25
 Operator : CG\JU
 Sample : N3170-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-BRE

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 02:42:16 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	85108	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	325084	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	183810	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323267	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	180316	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	173542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	89117	16.679	ng	0.02
7) Phenol-d6	6.498	99	243805	37.380	ng	0.00
23) Nitrobenzene-d5	7.387	82	678341	97.152	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	12670	5.834	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	984536	75.031	ng	0.00
79) Terphenyl-d14	12.945	244	900222	86.751	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.569	202	42196	2.490	ng	95
78) Pyrene	12.792	202	39151	2.918	ng	96
88) Benzo(b)fluoranthene	15.027	252	24614m	2.220	ng	
90) Benzo(a)pyrene	15.392	252	20080	2.304	ng	96

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

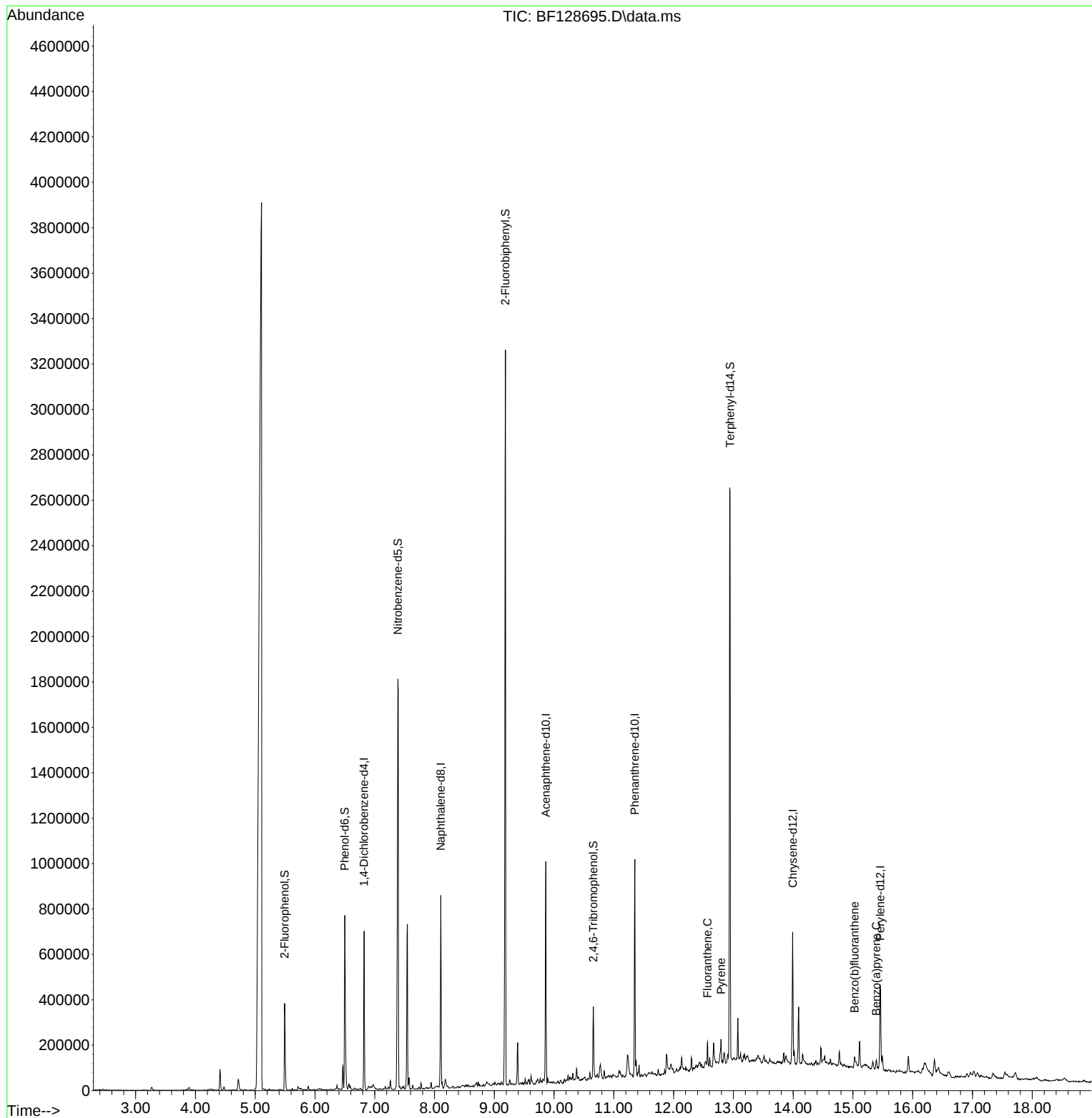
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128695.D
Acq On : 06 Jun 2022 14:25
Operator : CG\JU
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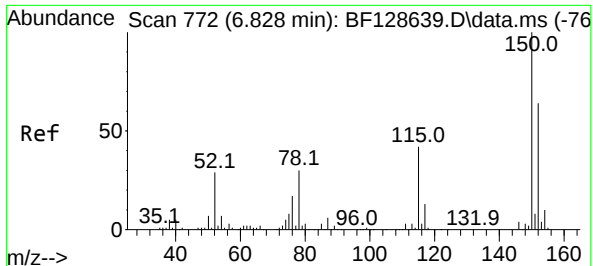
Instrument :
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Quant Time: Jun 07 02:42:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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Response via : Initial Calibration

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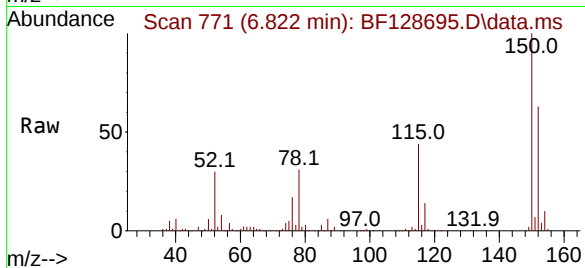
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

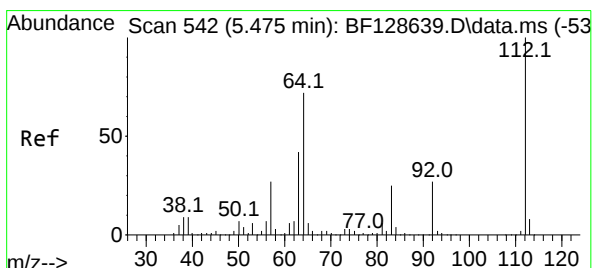
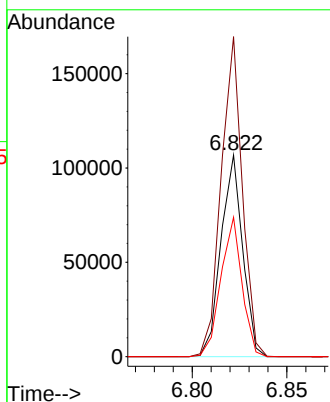
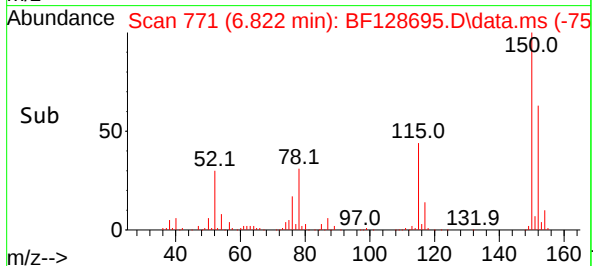
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-BRE



Tgt Ion:152 Resp: 85108
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 69.1 49.9 74.9

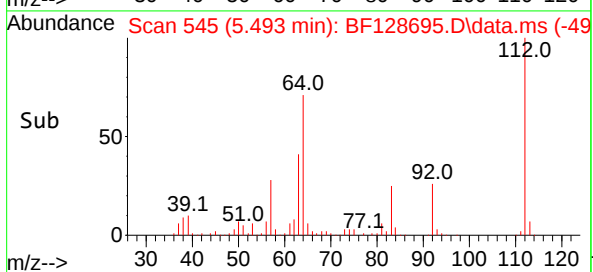
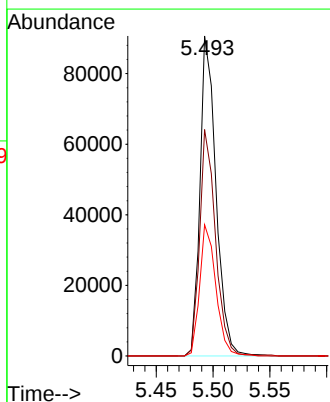
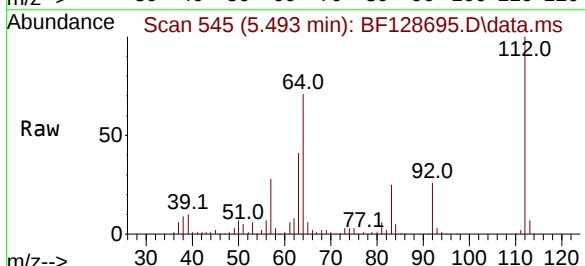
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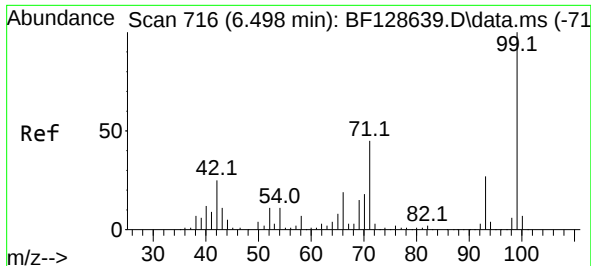
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#5
2-Fluorophenol
Concen: 16.679 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

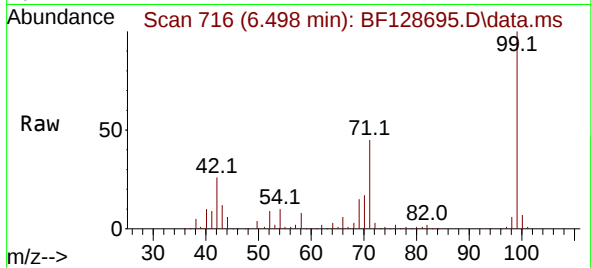
Tgt Ion:112 Resp: 89117
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 41.0 28.0 42.0





#7
Phenol-d6
Concen: 37.380 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

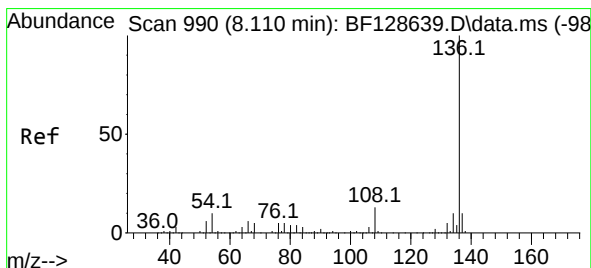
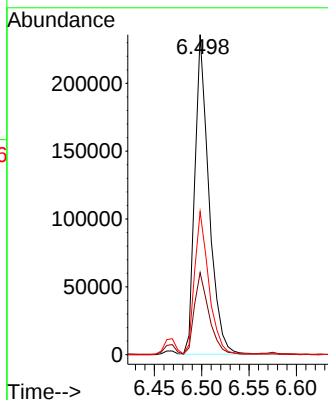
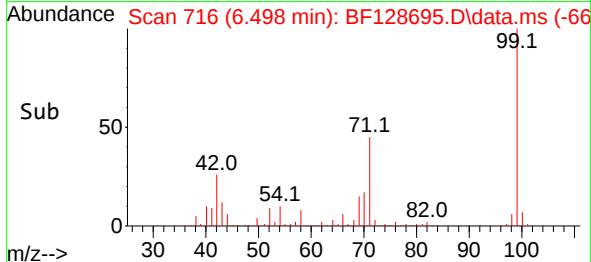
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-BRE



Tgt Ion: 99 Resp: 24380
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 44.7 28.9 43.3

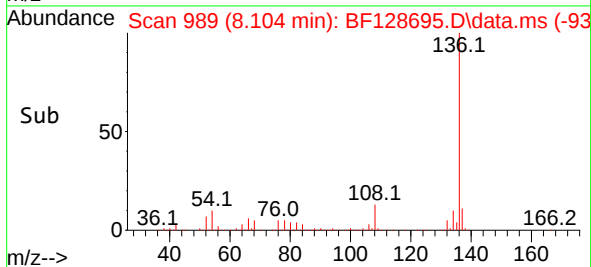
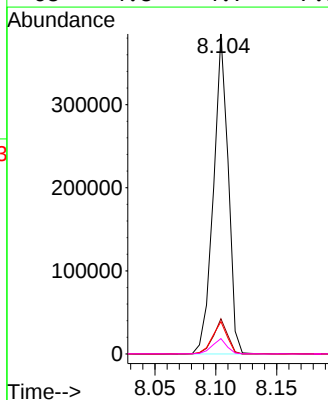
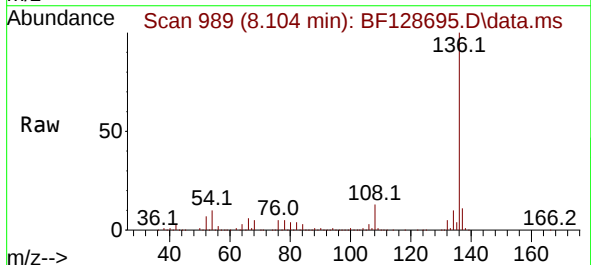
Manual Integrations
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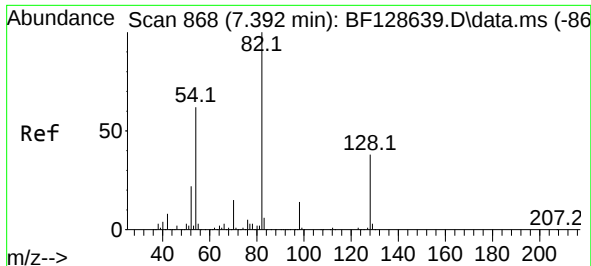
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:136 Resp: 325084
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 97.152 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.005 min

Lab File: BF128695.D

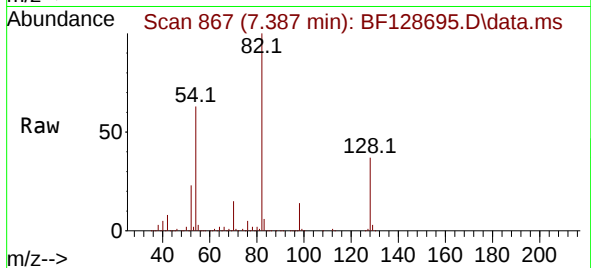
Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE



Tgt Ion: 82 Resp: 67834

Ion Ratio Lower Upper

82 100

128 37.3 34.0 51.0

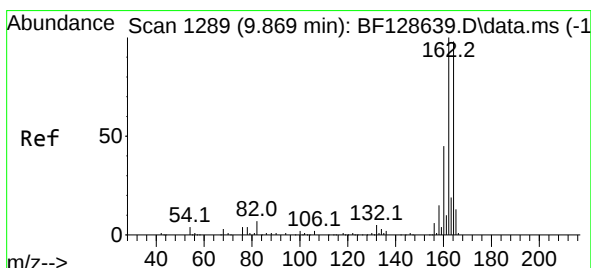
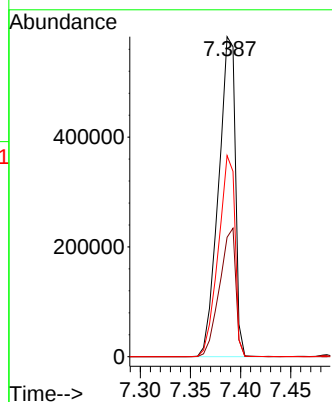
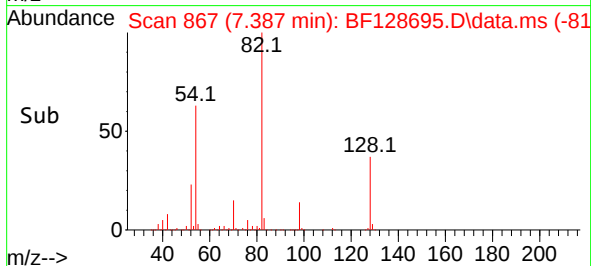
54 62.8 46.9 70.3

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: BF128695.D

Acq: 06 Jun 2022 14:25

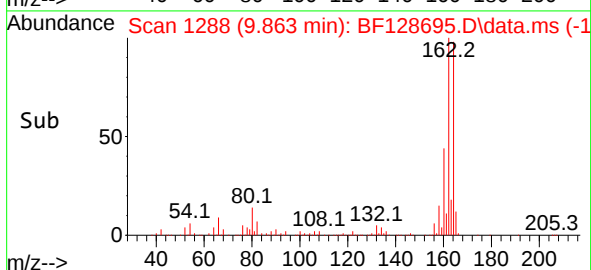
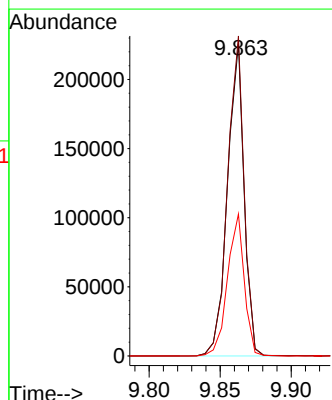
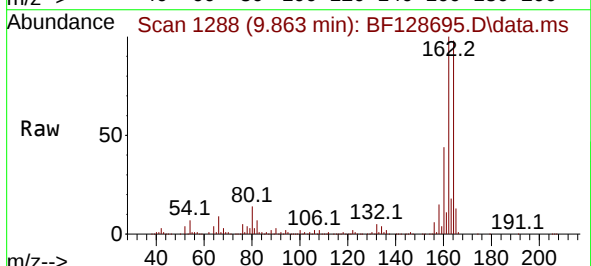
Tgt Ion:164 Resp: 183810

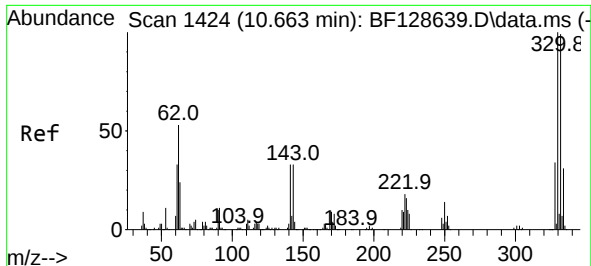
Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

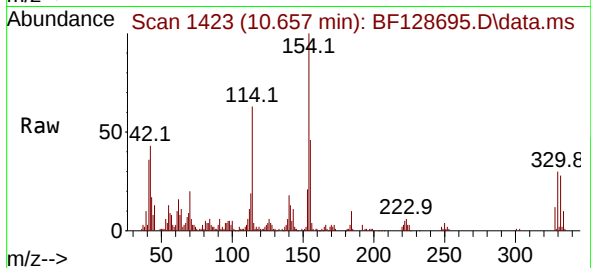
160 45.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 5.834 ng
RT: 10.657 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

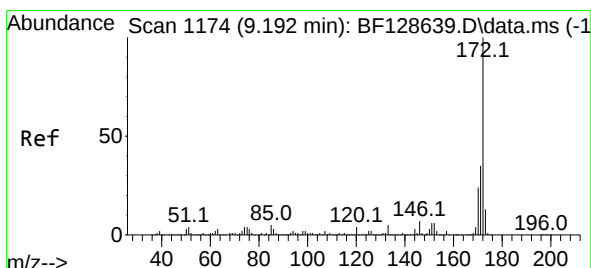
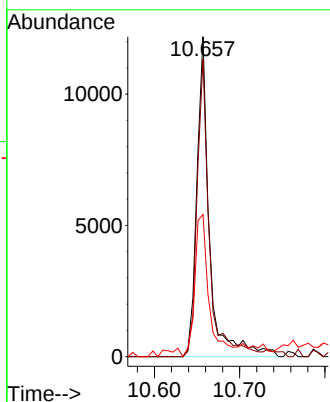
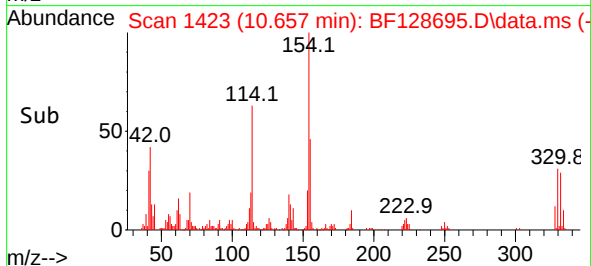
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-BRE



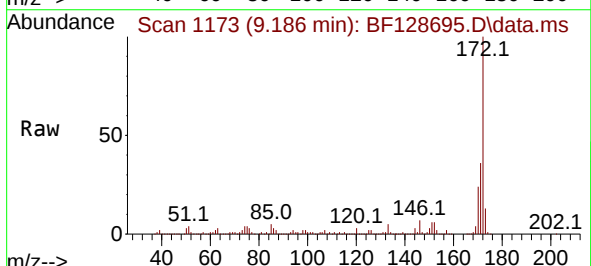
Tgt Ion: 330 Resp: 12670
Ion Ratio Lower Upper
330 100
332 89.4 76.8 115.2
141 49.1 28.0 42.0

Manual Integrations
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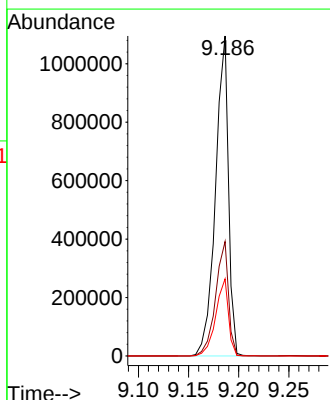
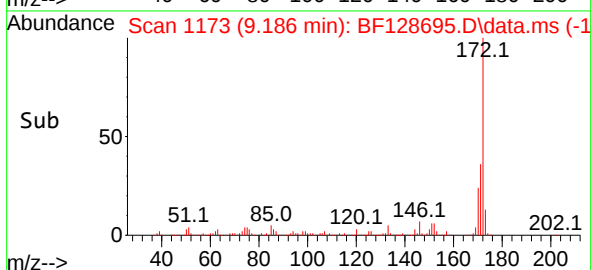
Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022

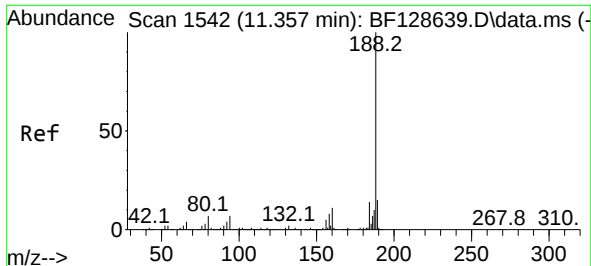


#45
2-Fluorobiphenyl
Concen: 75.031 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25



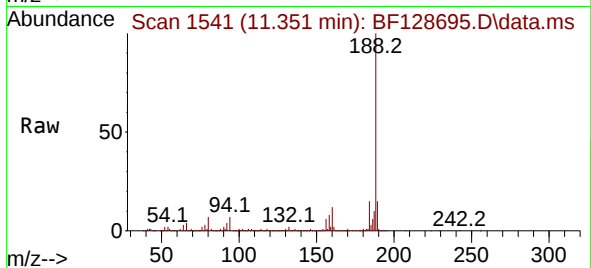
Tgt Ion: 172 Resp: 984536
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

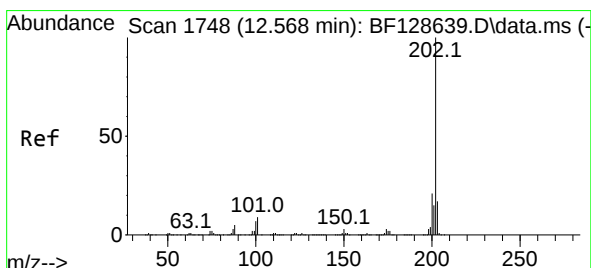
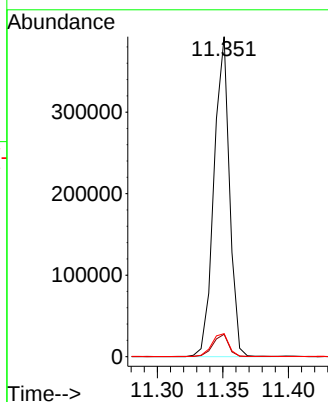
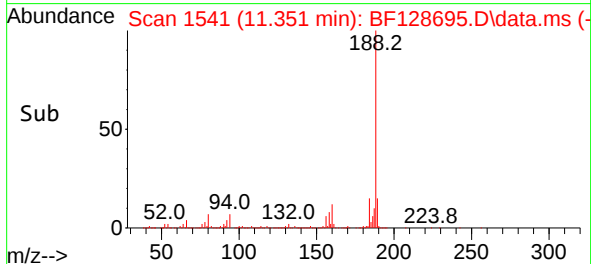
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-BRE



Tgt Ion:188 Resp: 32326
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6
80 7.2 7.6 11.4

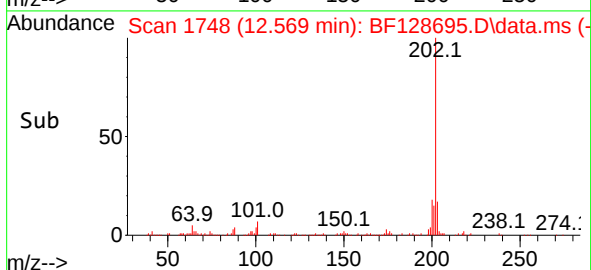
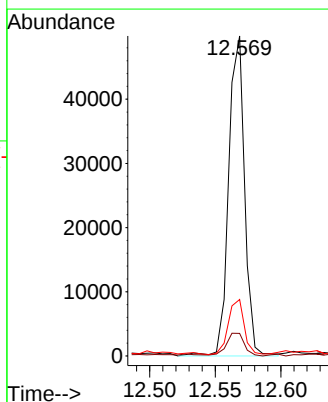
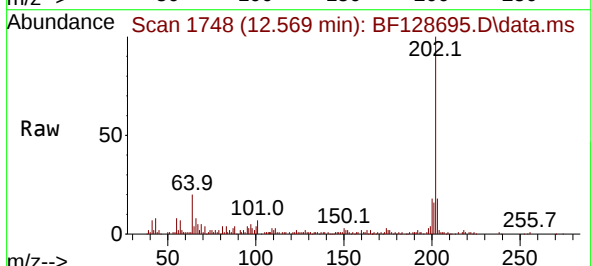
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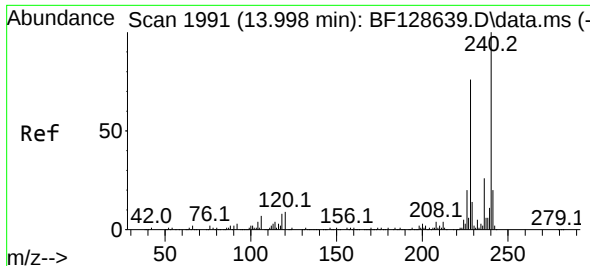
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#75
Fluoranthene
Concen: 2.490 ng
RT: 12.569 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

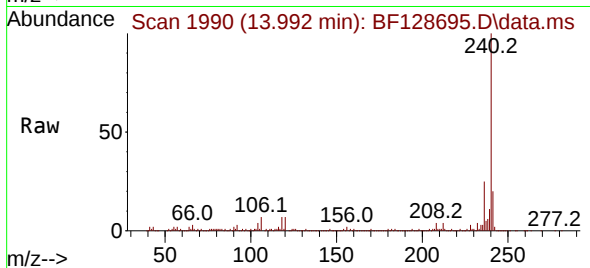
Tgt Ion:202 Resp: 42196
Ion Ratio Lower Upper
202 100
101 7.0 0.0 31.4
203 17.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

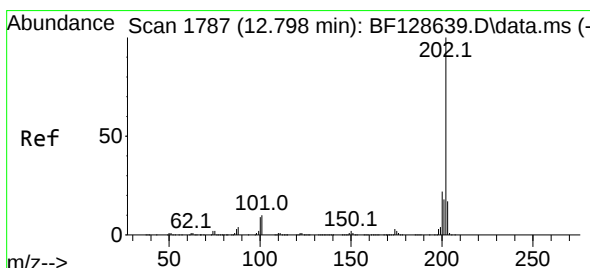
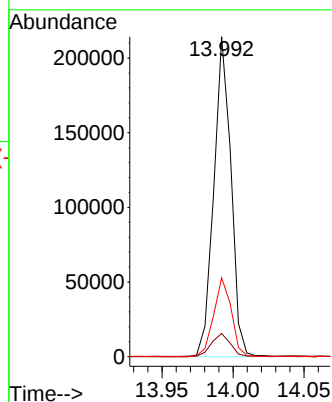
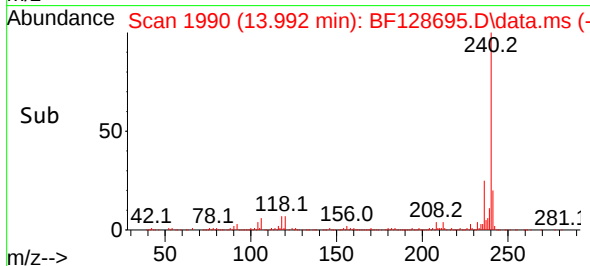
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-BRE



Tgt Ion:240 Resp: 180310
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3
236 24.7 20.8 31.2

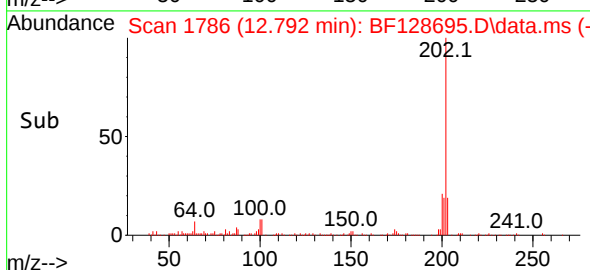
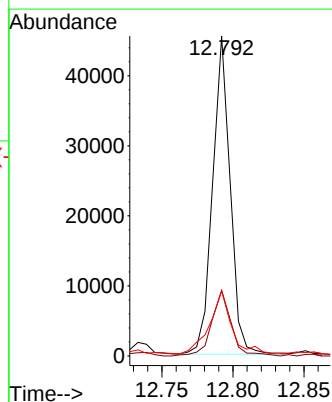
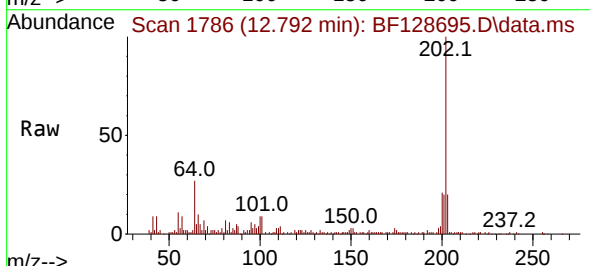
Manual Integrations
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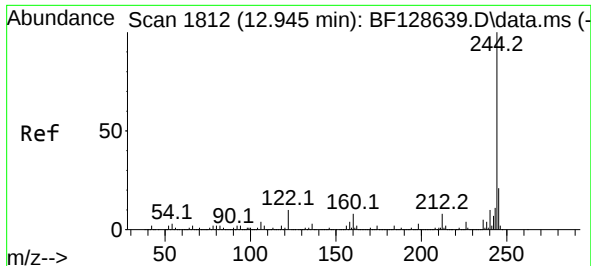
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#78
Pyrene
Concen: 2.918 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

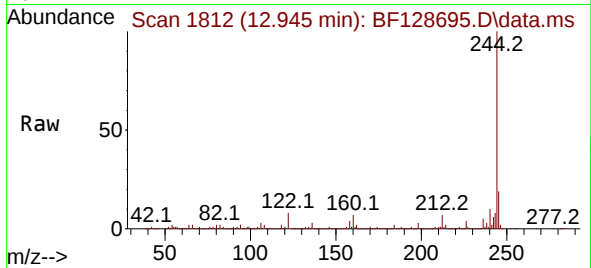
Tgt Ion:202 Resp: 39151
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 20.3 14.6 21.8





#79
Terphenyl-d14
Concen: 86.751 ng
RT: 12.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

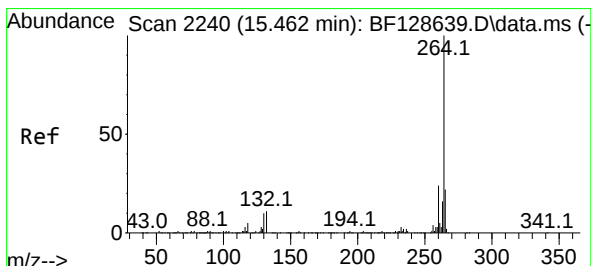
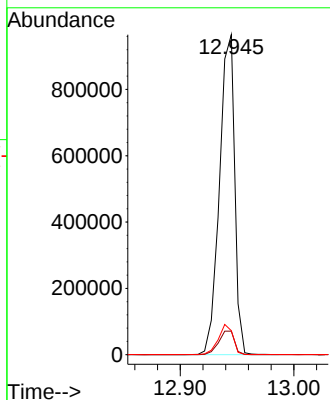
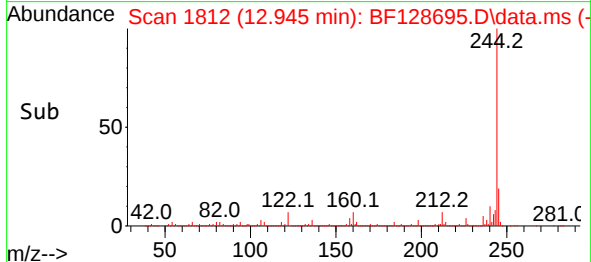
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-BRE



Tgt Ion:244 Resp: 900222
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 7.5 8.8 13.2

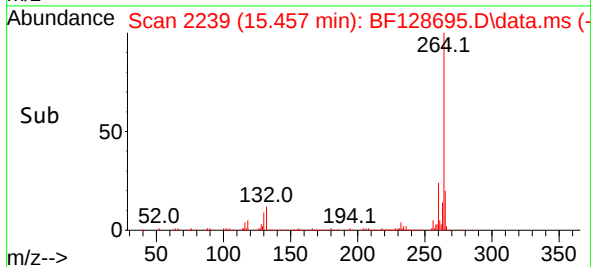
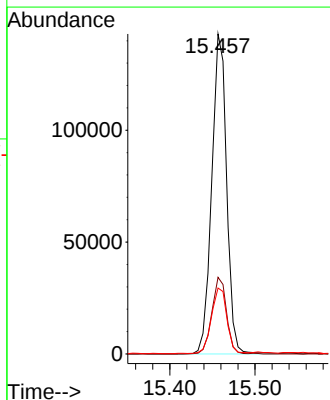
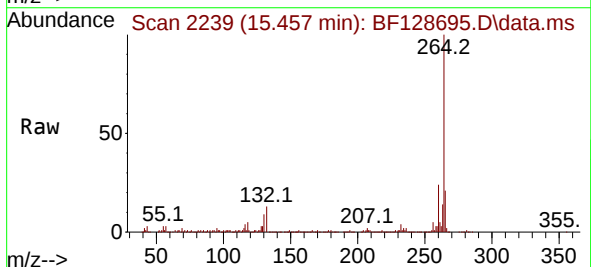
Manual Integrations
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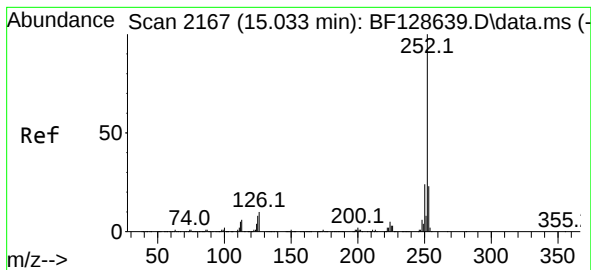
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128695.D
Acq: 06 Jun 2022 14:25

Tgt Ion:264 Resp: 173542
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 20.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.220 ng m

RT: 15.027 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-BRE

Tgt Ion:252 Resp: 24614

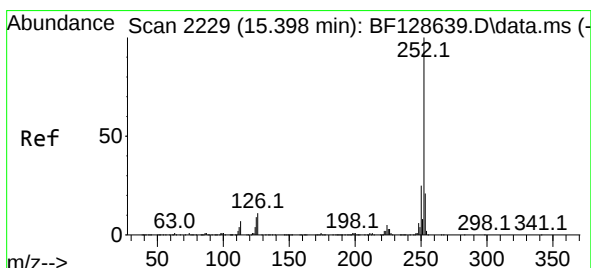
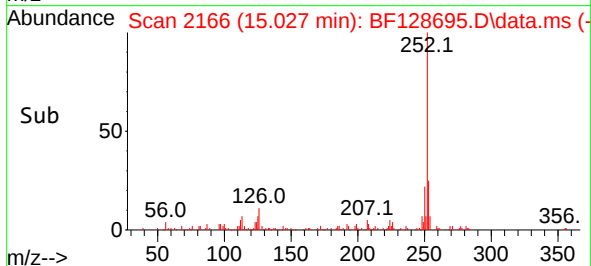
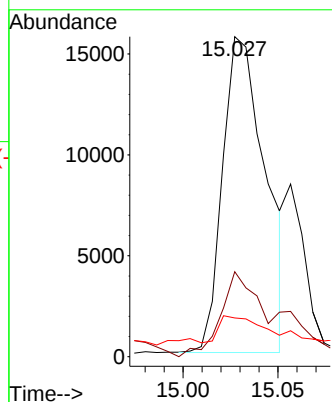
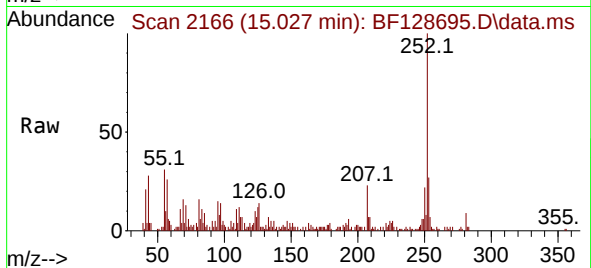
Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.7	26.5
125	12.1	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#90

Benzo(a)pyrene

Concen: 2.304 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF128695.D

Acq: 06 Jun 2022 14:25

Tgt Ion:252 Resp: 20080

Ion	Ratio	Lower	Upper
252	100		
253	18.9	17.0	25.6
125	10.3	8.8	13.2

