

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128681.D
 Acq On : 03 Jun 2022 16:08
 Operator : CG\JU
 Sample : N3170-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 03 23:42:09 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 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	70763	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259368	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	130048	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	202885	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	153549	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	166122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	68921	15.514	ng	0.01
7) Phenol-d6	6.492	99	200419	36.958	ng	0.00
23) Nitrobenzene-d5	7.386	82	556467	99.890	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8104	5.274	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	751489	80.946	ng	0.00
79) Terphenyl-d14	12.939	244	592102	67.005	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.563	202	28849	2.712	ng	95
78) Pyrene	12.792	202	28954	2.534	ng	95
81) Benzo(a)anthracene	13.980	228	21446m	2.241	ng	
88) Benzo(b)fluoranthene	15.027	252	22245m	2.096	ng	
90) Benzo(a)pyrene	15.392	252	18192	2.181	ng	96

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

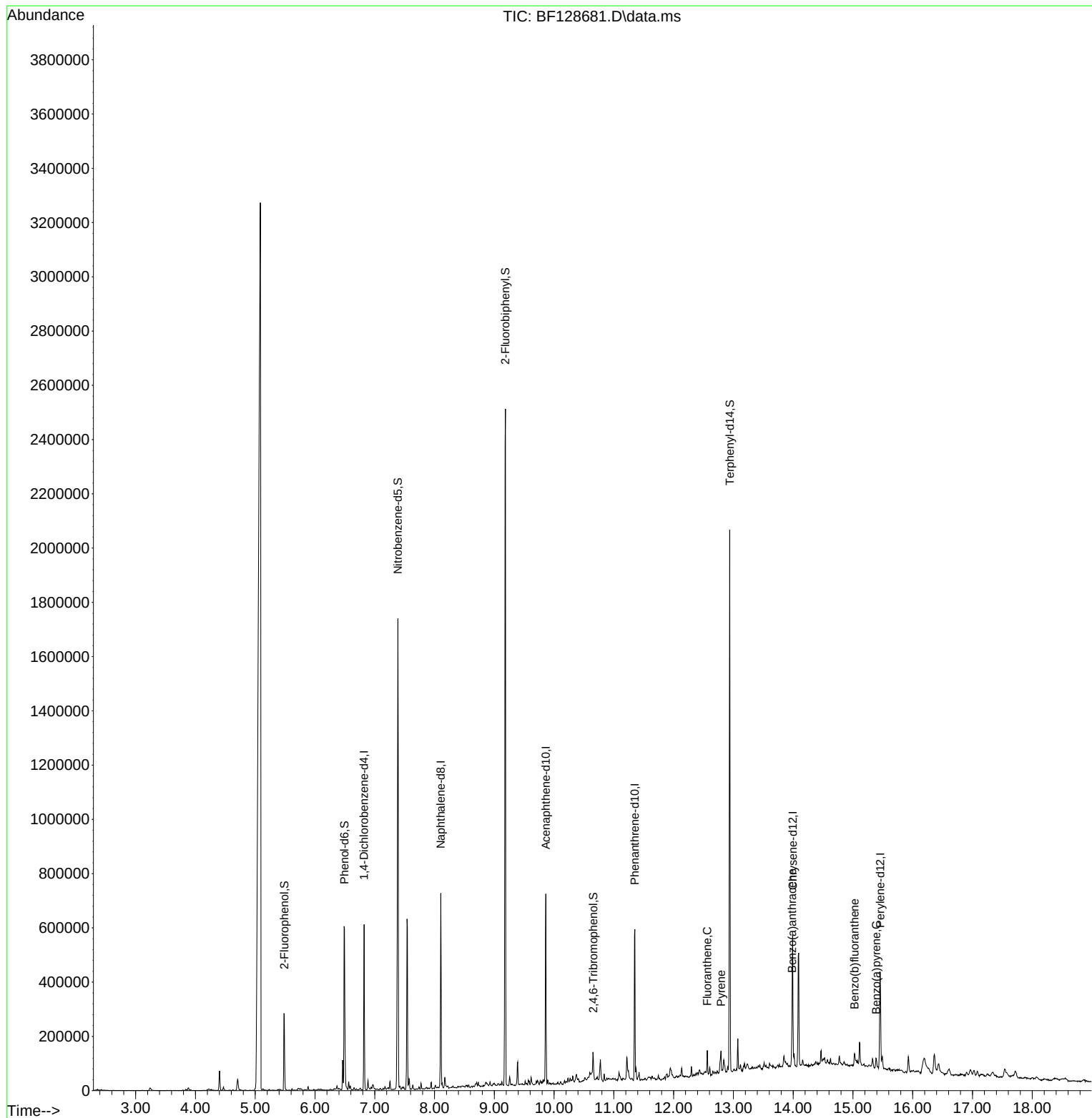
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128681.D
Acq On : 03 Jun 2022 16:08
Operator : CG\JU
Sample : N3170-03
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ALS Vial : 13 Sample Multiplier: 1

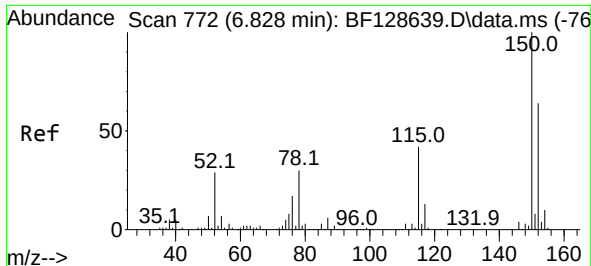
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B

Quant Time: Jun 03 23:42:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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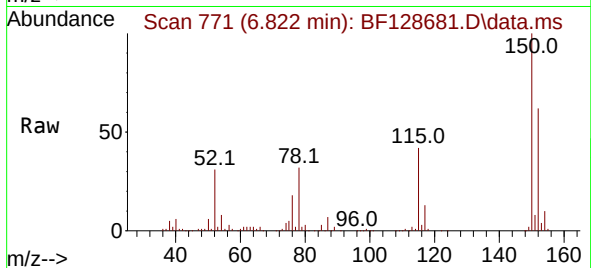
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

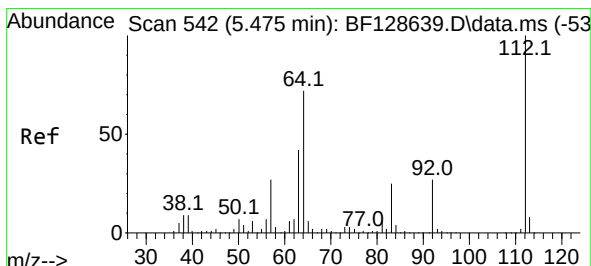
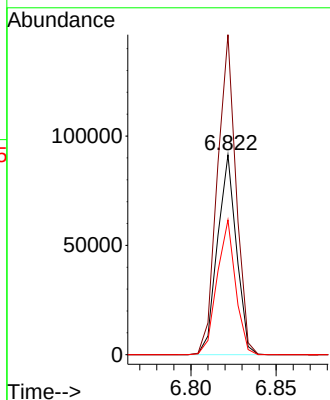
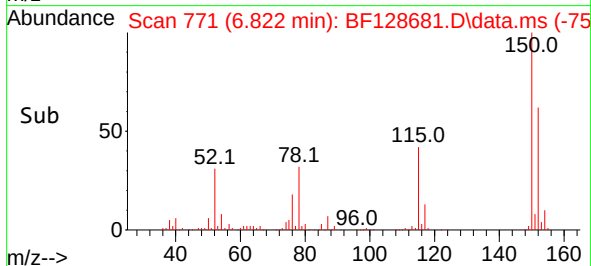
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B



Tgt Ion:152 Resp: 7076
Ion Ratio Lower Upper
152 100
150 160.1 123.7 185.5
115 67.4 49.9 74.9

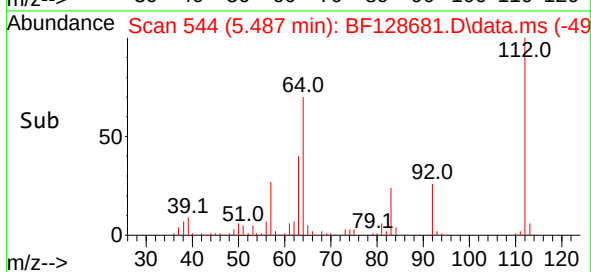
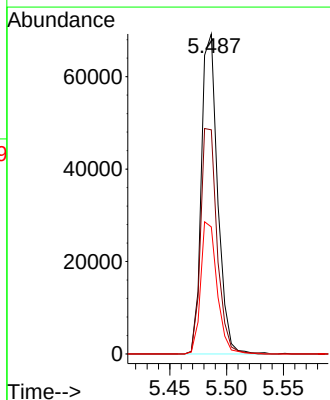
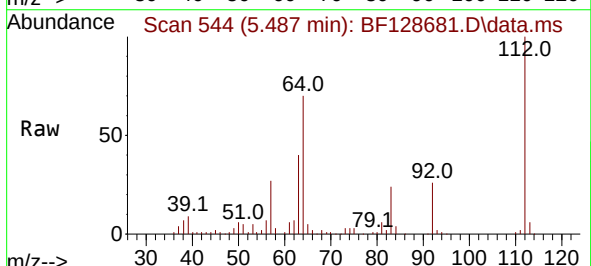
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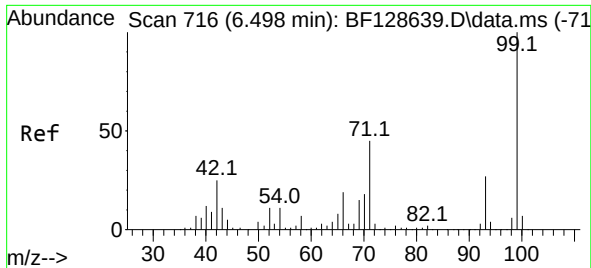
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#5
2-Fluorophenol
Concen: 15.514 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

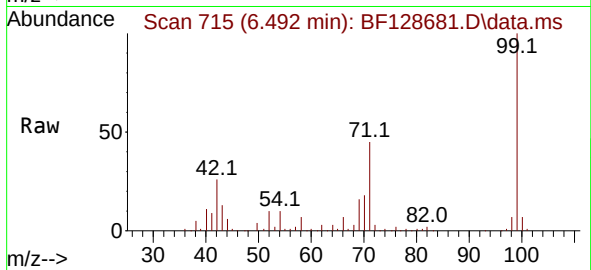
Tgt Ion:112 Resp: 68921
Ion Ratio Lower Upper
112 100
64 70.1 53.3 79.9
63 39.7 28.0 42.0





#7
Phenol-d6
Concen: 36.958 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

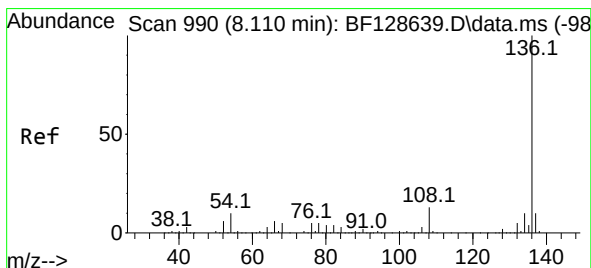
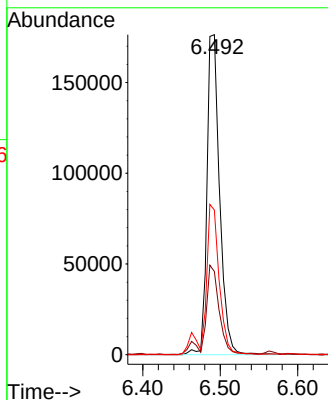
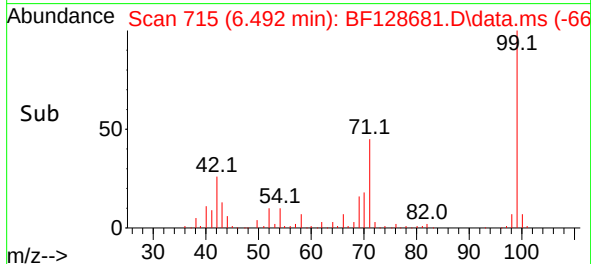
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B



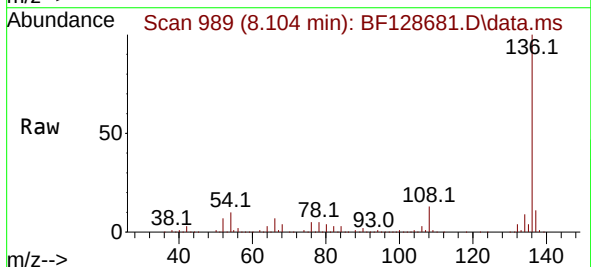
Tgt Ion: 99 Resp: 200419
Ion Ratio Lower Upper
99 100
42 26.0 17.3 25.9
71 45.2 28.9 43.3

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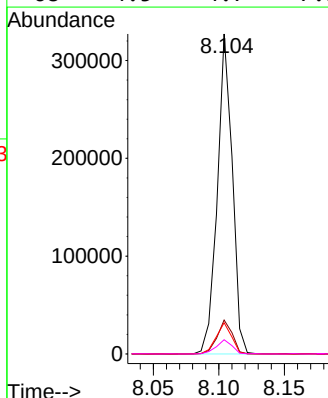
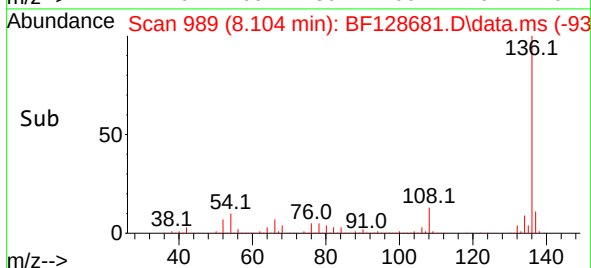
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

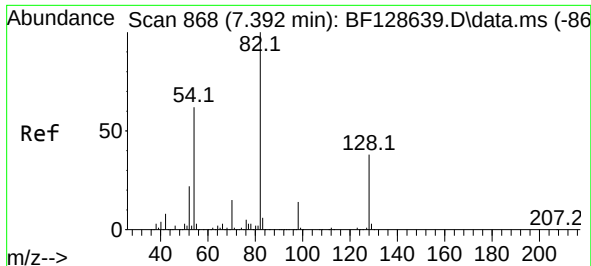


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08



Tgt Ion:136 Resp: 259368
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.5 11.3
68 4.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 99.890 ng

RT: 7.386 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128681.D

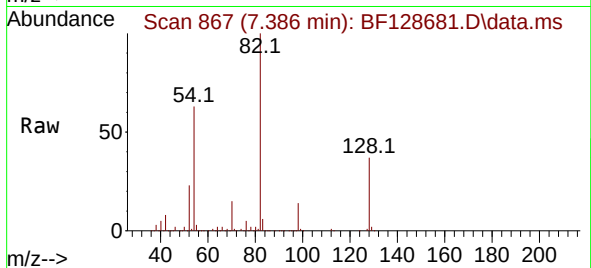
Acq: 03 Jun 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-B

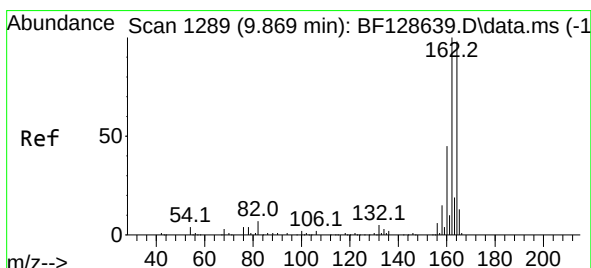
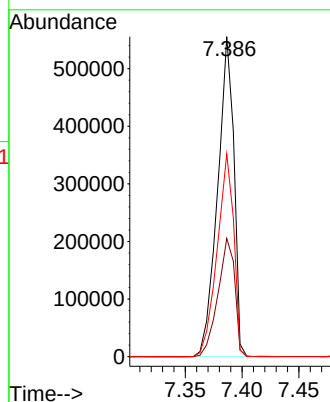
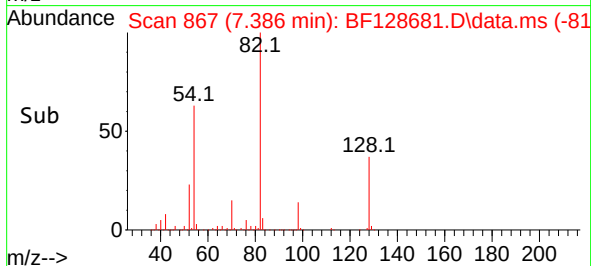


Tgt Ion:	82	Resp:	55646
Ion Ratio	Lower	Upper	
82	100		
128	37.0	34.0	51.0
54	63.4	46.9	70.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/06/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

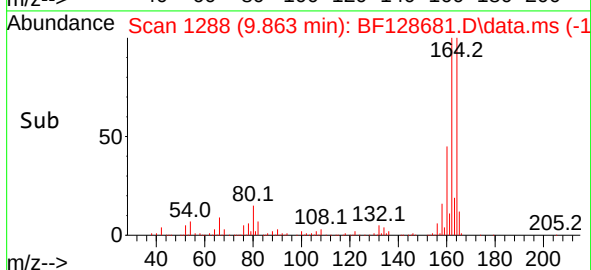
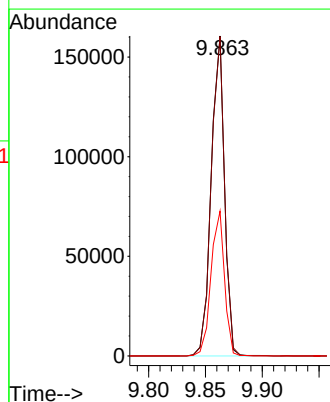
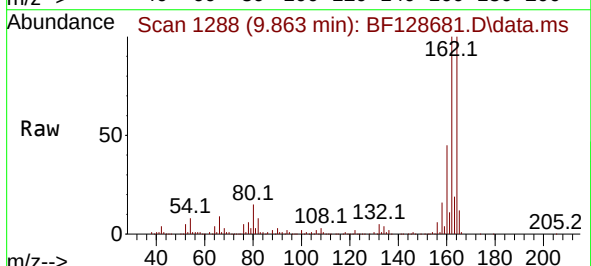
RT: 9.863 min Scan# 1288

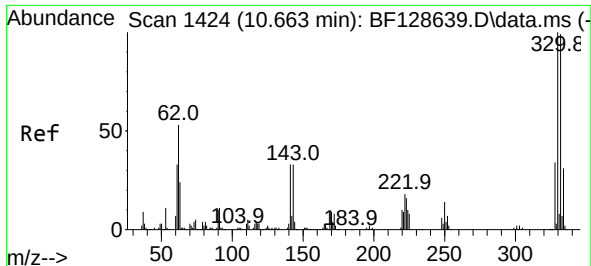
Delta R.T. -0.006 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

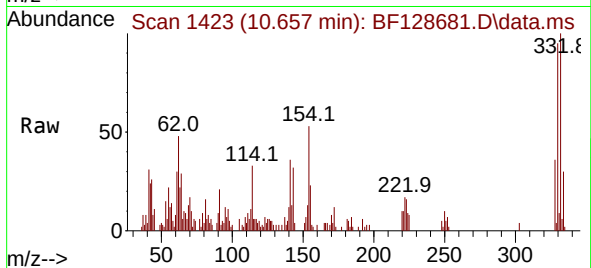
Tgt Ion:	164	Resp:	130048
Ion Ratio	Lower	Upper	
164	100		
162	99.8	79.5	119.3
160	45.2	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 5.274 ng
RT: 10.657 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

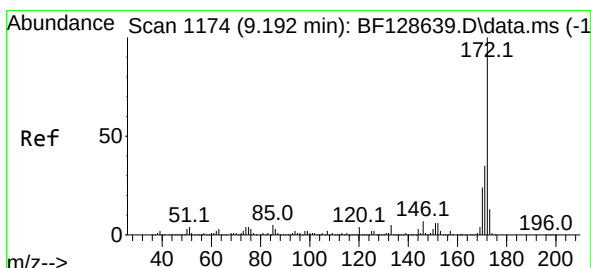
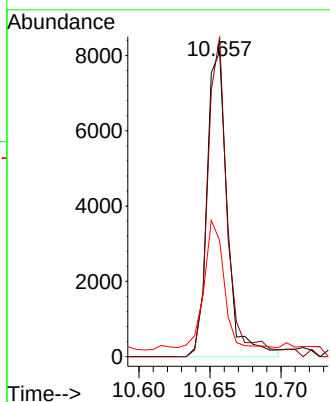
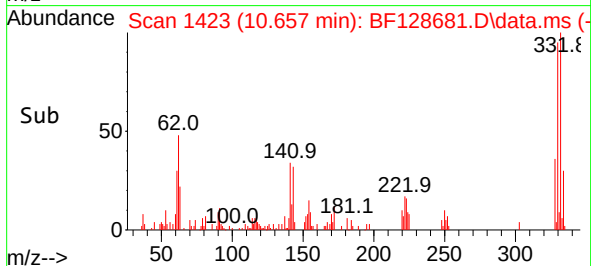
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-B



Tgt Ion: 330 Resp: 8104
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 44.6 28.0 42.0

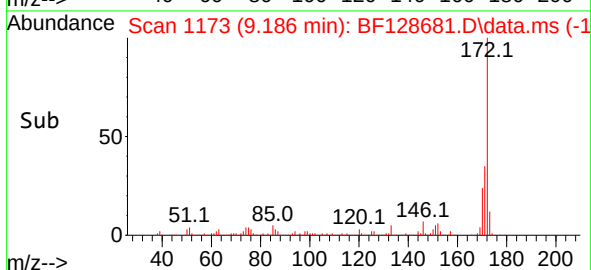
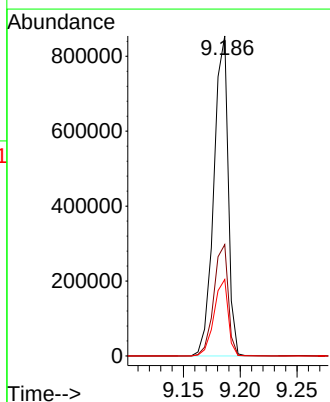
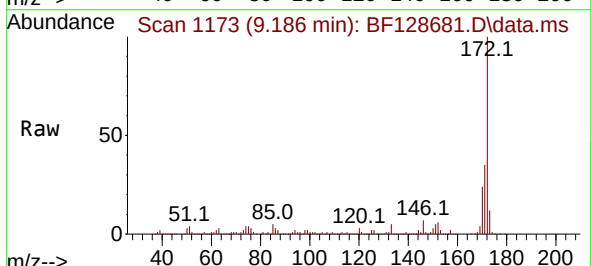
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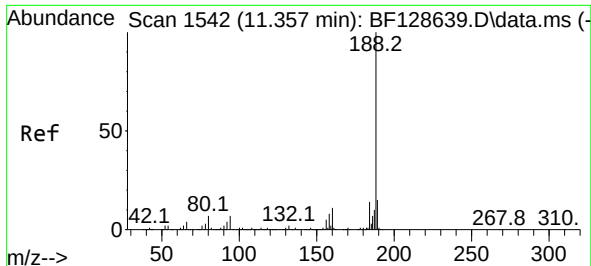
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022



#45
2-Fluorobiphenyl
Concen: 80.946 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

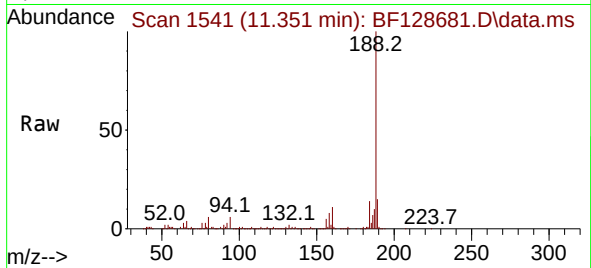
Tgt Ion: 172 Resp: 751489
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

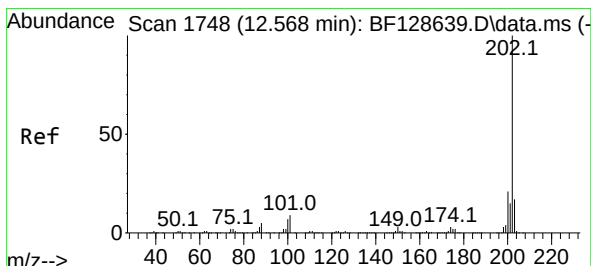
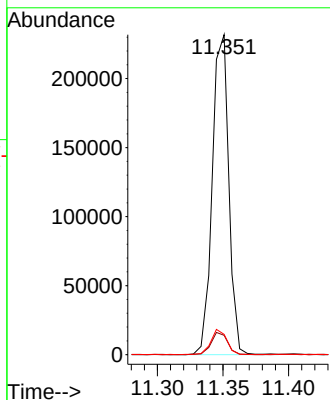
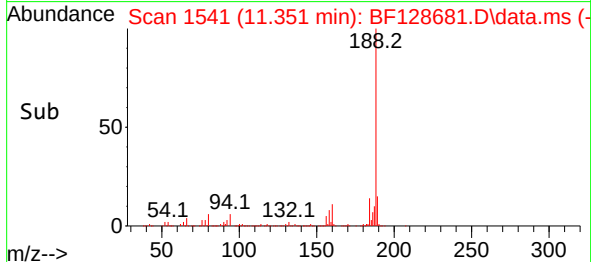
Instrument :
BNA_F
ClientSampleId :
20220422-AMENDED-COMPOSITE-B



Tgt Ion:188 Resp: 202885
Ion Ratio Lower Upper
188 100
94 6.0 7.0 10.6
80 6.4 7.6 11.4

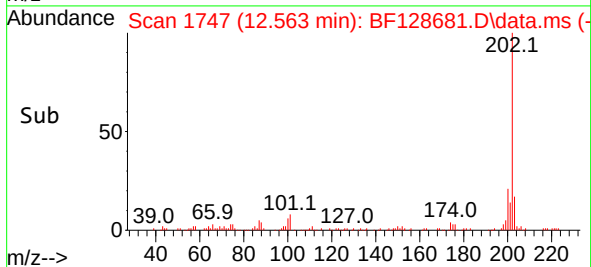
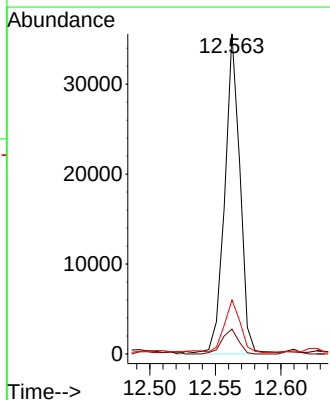
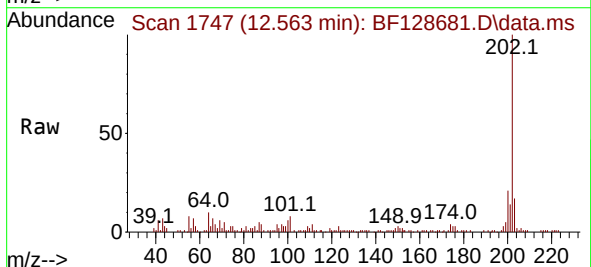
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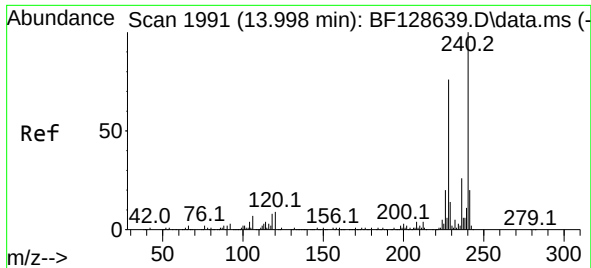
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#75
Fluoranthene
Concen: 2.712 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

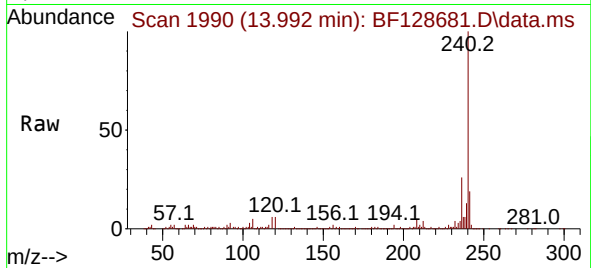
Tgt Ion:202 Resp: 28849
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.4
203 16.8 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

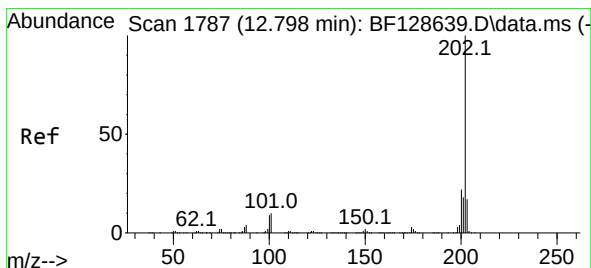
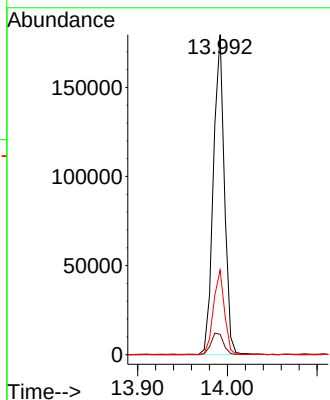
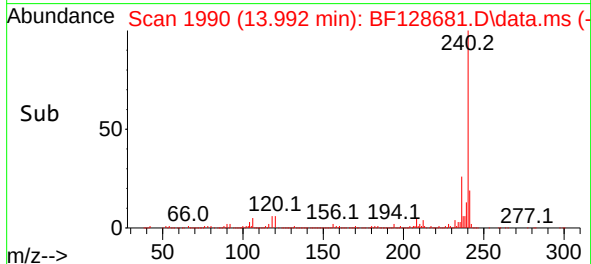
Instrument : BNA_F
ClientSampleId : 20220422-AMENDED-COMPOSITE-B



Tgt Ion:240 Resp: 153549
Ion Ratio Lower Upper
240 100
120 6.4 8.9 13.3
236 26.4 20.8 31.2

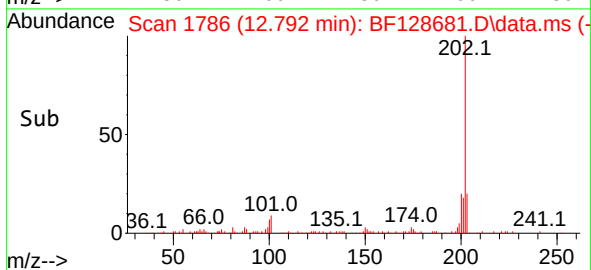
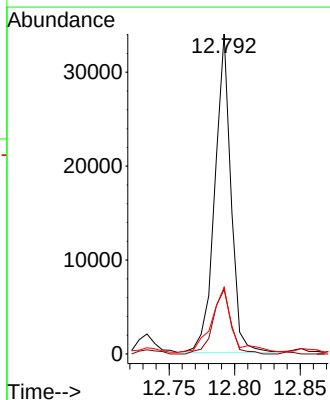
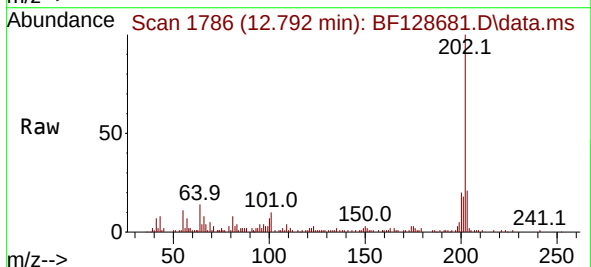
Manual Integrations
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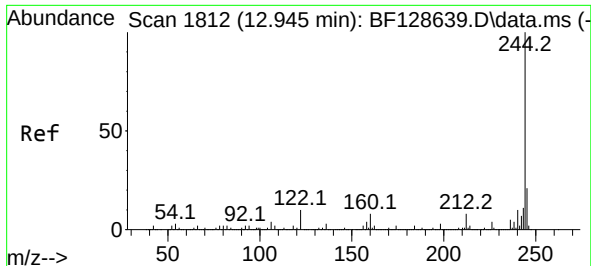
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#78
Pyrene
Concen: 2.534 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128681.D
Acq: 03 Jun 2022 16:08

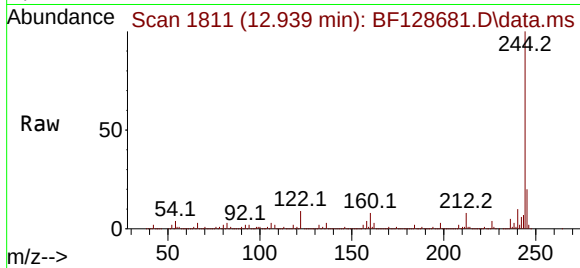
Tgt Ion:202 Resp: 28954
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 20.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 67.005 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128681.D
 Acq: 03 Jun 2022 16:08

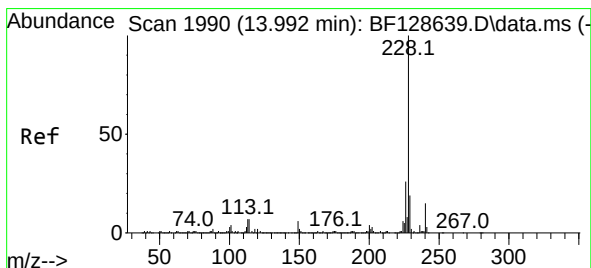
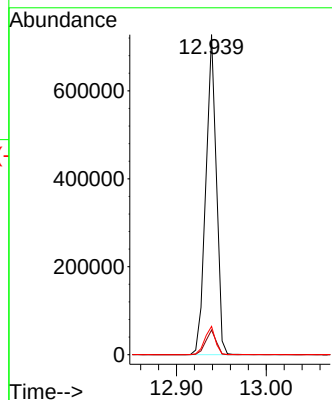
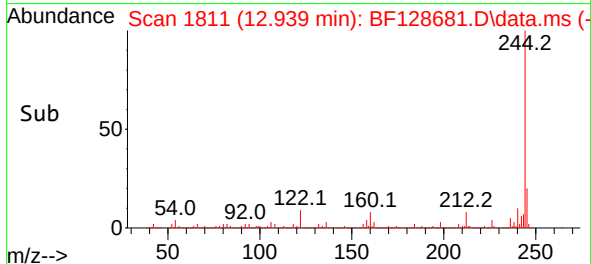
Instrument :
 BNA_F
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-B



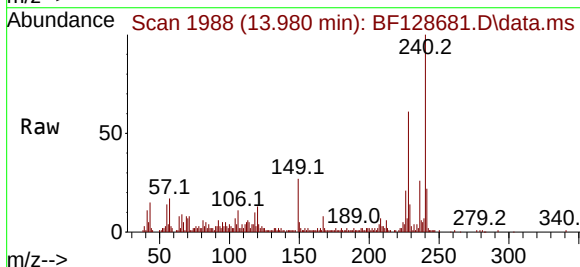
Tgt Ion:244 Resp: 59210
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 8.9 8.8 13.2

Manual Integrations
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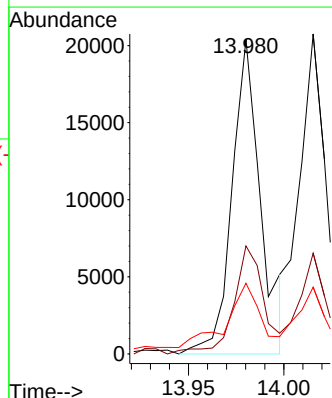
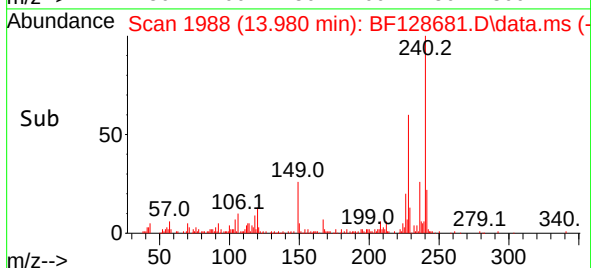
Reviewed By :Christian Giraldo 06/06/2022
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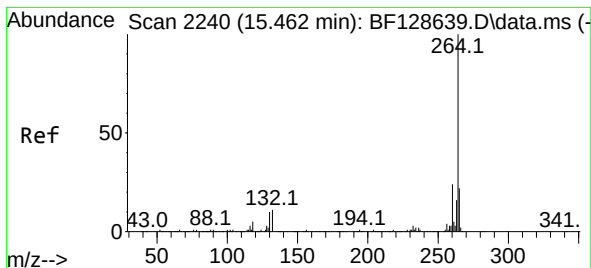


#81
 Benzo(a)anthracene
 Concen: 2.241 ng m
 RT: 13.980 min Scan# 1988
 Delta R.T. -0.012 min
 Lab File: BF128681.D
 Acq: 03 Jun 2022 16:08



Tgt Ion:228 Resp: 21446
 Ion Ratio Lower Upper
 228 100
 226 34.3 22.1 33.1#
 229 22.5 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2166

Delta R.T. -0.005 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

Instrument :

BNA_F

ClientSampleId :

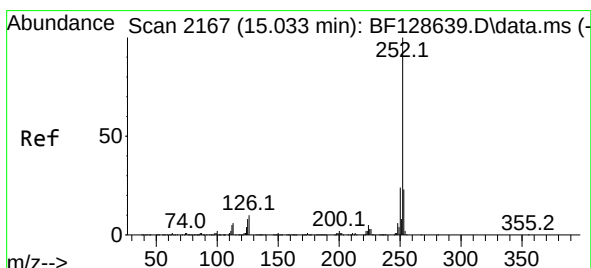
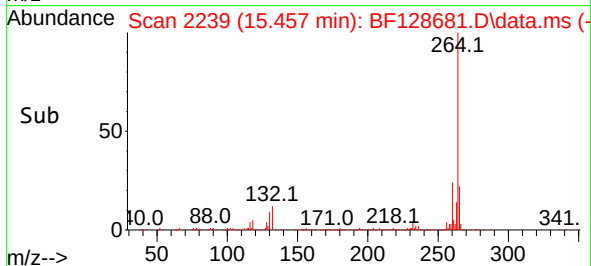
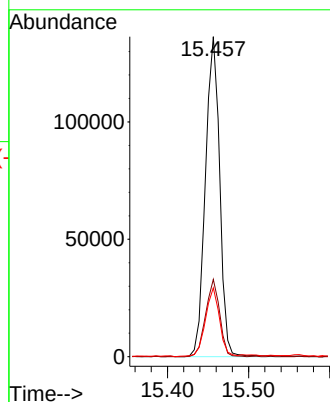
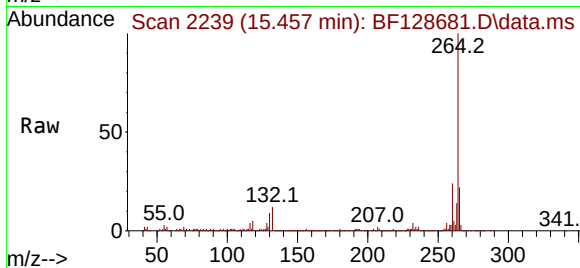
20220422-AMENDED-COMPOSITE-B

Tgt Ion:264 Resp: 16612
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.5 17.2 25.8

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 2.096 ng m

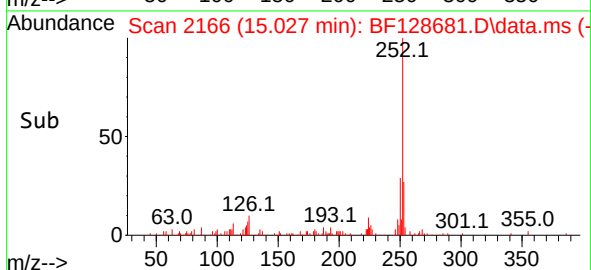
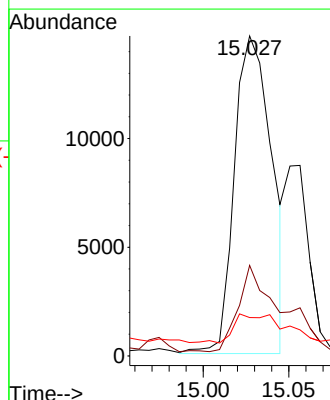
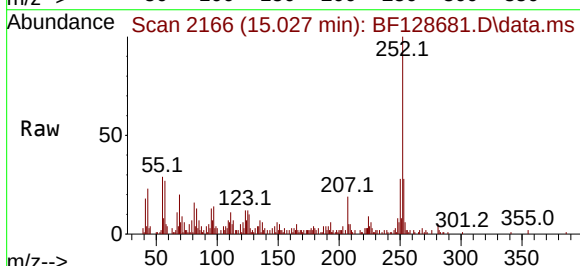
RT: 15.027 min Scan# 2166

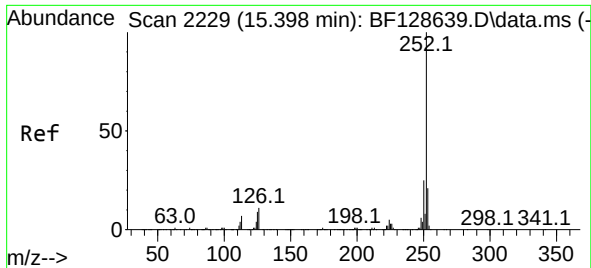
Delta R.T. -0.006 min

Lab File: BF128681.D

Acq: 03 Jun 2022 16:08

Tgt Ion:252 Resp: 22245
 Ion Ratio Lower Upper
 252 100
 253 28.3 17.7 26.5#
 125 12.0 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.181 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128681.D

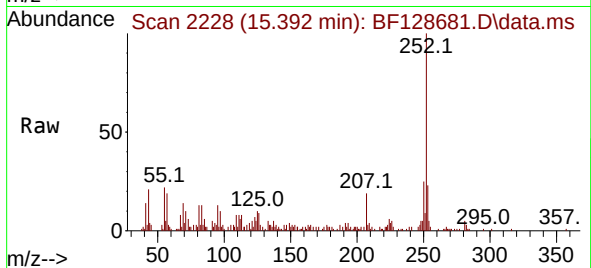
Acq: 03 Jun 2022 16:08

Instrument :

BNA_F

ClientSampleId :

20220422-AMENDED-COMPOSITE-B



Tgt Ion:	252	Resp:	1819
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	10.0	8.8	13.2

Manual Integrations

APPROVED

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

