

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128687.D
 Acq On : 03 Jun 2022 19:09
 Operator : CG\JU
 Sample : N3113-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 23:42:51 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	68710	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	247957	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	119312	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	182285	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	163926	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	147346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	497860	115.414	ng	0.00
7) Phenol-d6	6.481	99	623724	118.452	ng	-0.02
23) Nitrobenzene-d5	7.386	82	448176	84.153	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	138894	98.525	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	733918	86.167	ng	0.00
79) Terphenyl-d14	12.939	244	662990	70.278	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	29181	3.192	ng	97
75) Fluoranthene	12.563	202	57029	5.967	ng	95
78) Pyrene	12.792	202	53505	4.387	ng	97
81) Benzo(a)anthracene	13.980	228	31853	3.117	ng	94
83) Chrysene	14.015	228	30350	3.115	ng	96
88) Benzo(b)fluoranthene	15.027	252	36231m	3.848	ng	
90) Benzo(a)pyrene	15.392	252	24986	3.376	ng	# 90

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

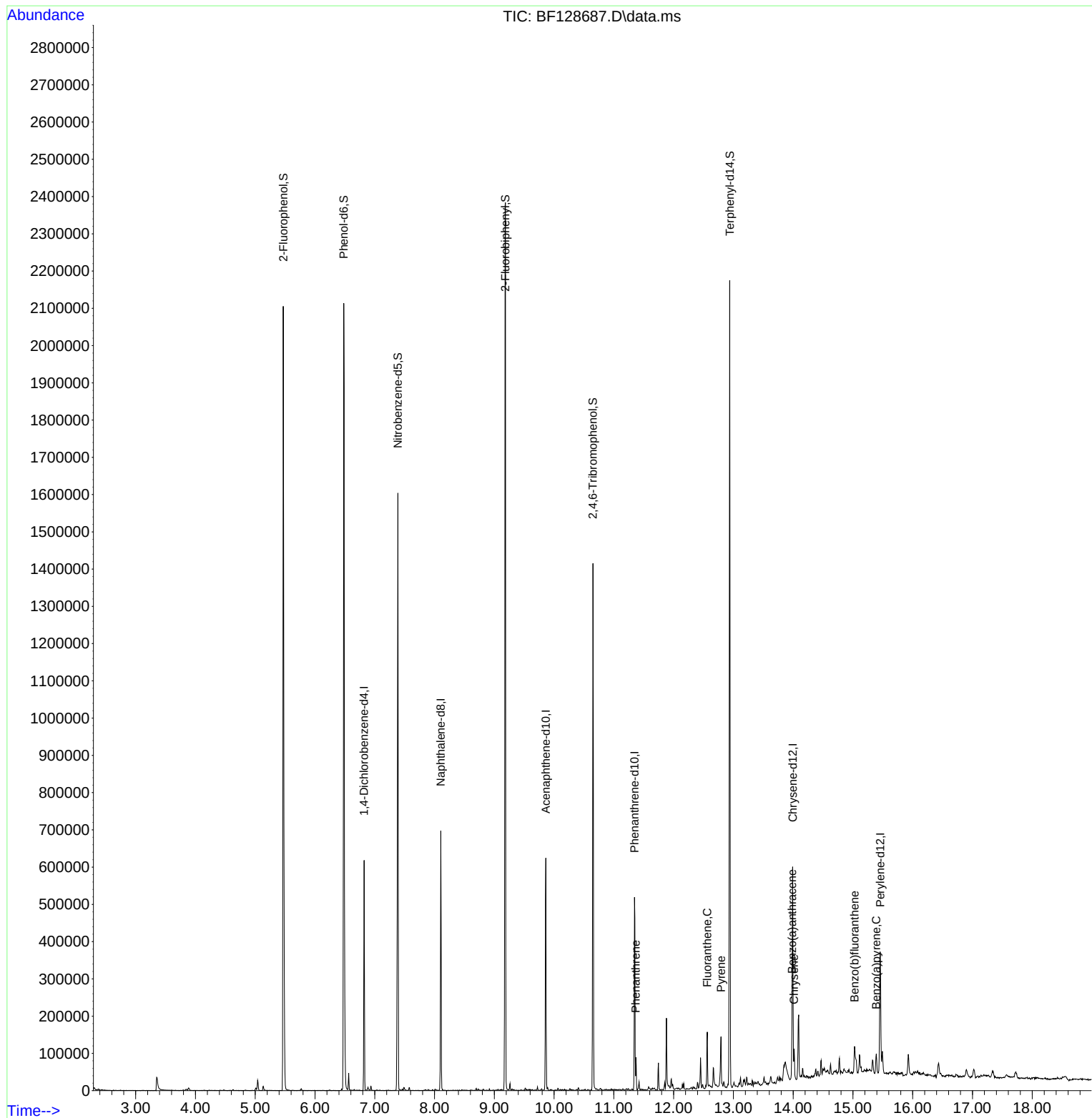
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128687.D
Acq On : 03 Jun 2022 19:09
Operator : CG\JU
Sample : N3113-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

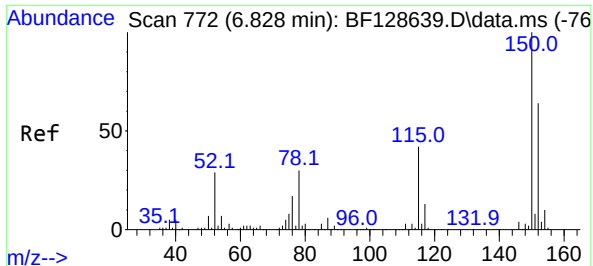
Instrument :
BNA_F
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Quant Time: Jun 03 23:42:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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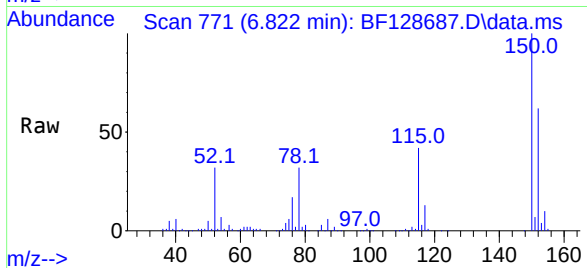
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

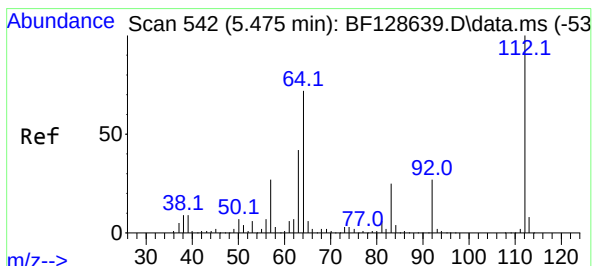
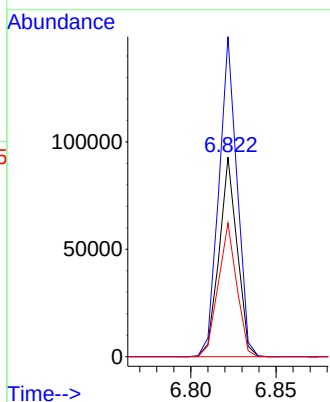
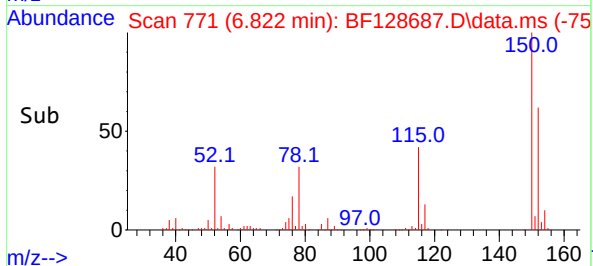
Instrument :
BNA_F
ClientSampleId :
RBR-346



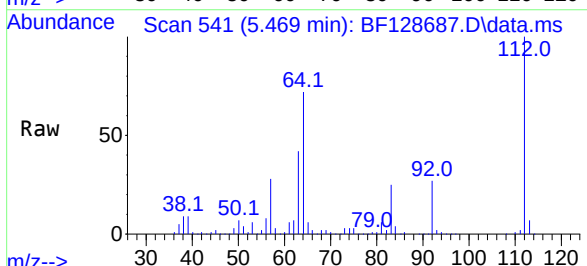
Tgt Ion:152 Resp: 68710
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 66.9 49.9 74.9

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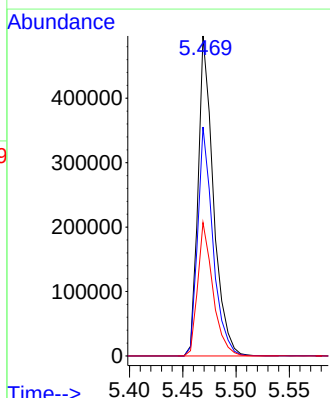
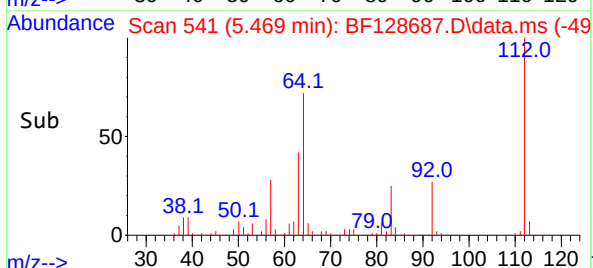
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

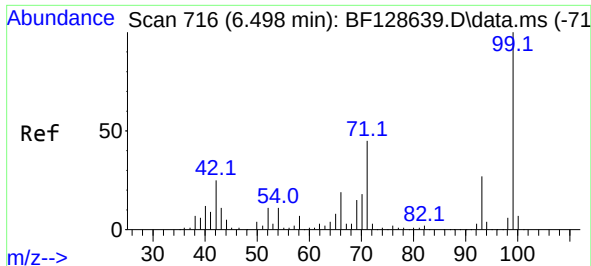


#5
2-Fluorophenol
Concen: 115.414 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



Tgt Ion:112 Resp: 497860
Ion Ratio Lower Upper
112 100
64 71.6 53.3 79.9
63 41.7 28.0 42.0





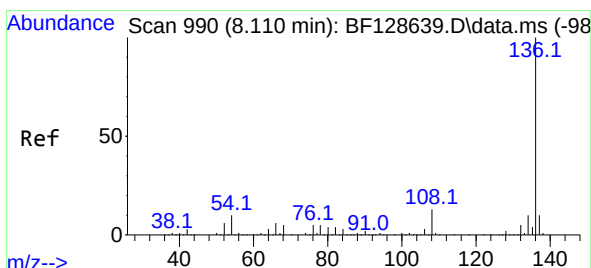
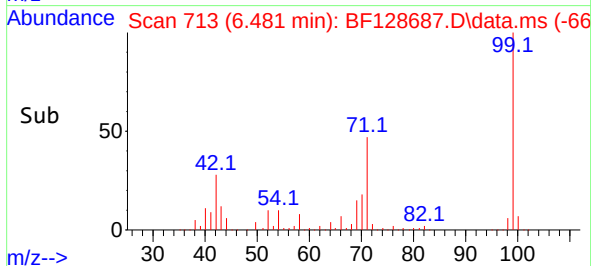
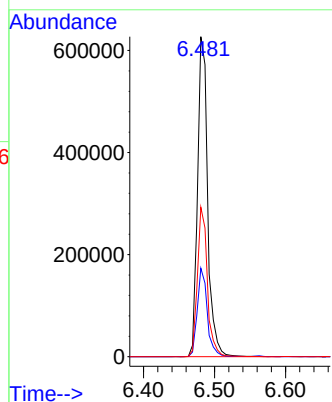
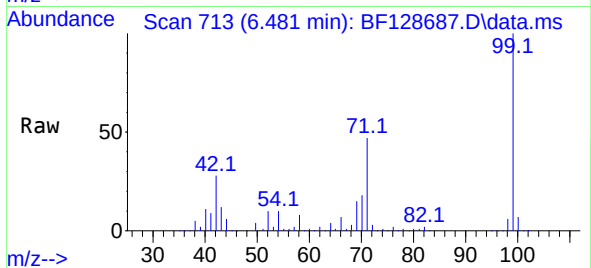
#7
Phenol-d6
Concen: 118.452 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 99 Resp: 623724
Ion Ratio Lower Upper
99 100
42 27.7 17.3 25.9
71 46.7 28.9 43.3

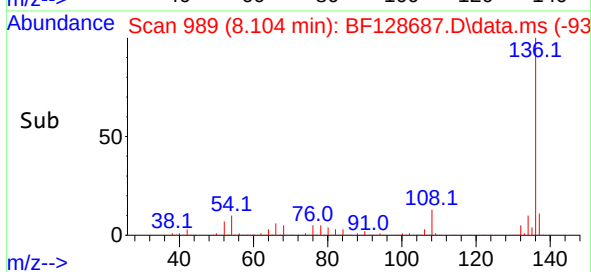
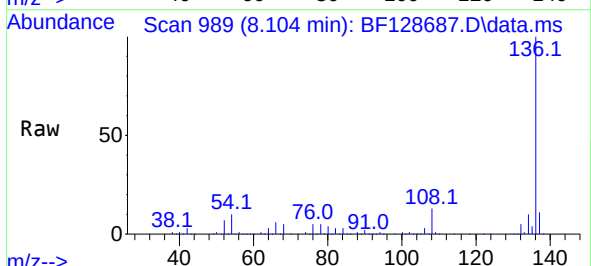
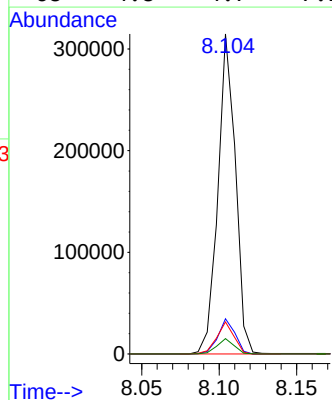
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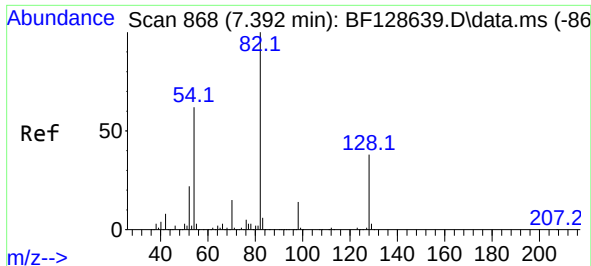
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Tgt Ion:136 Resp: 247957
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 84.153 ng

RT: 7.386 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128687.D

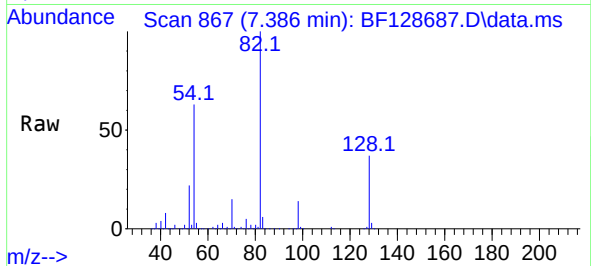
Acq: 03 Jun 2022 19:09

Instrument :

BNA_F

ClientSampleId :

RBR-346



Tgt Ion: 82 Resp: 448170

Ion Ratio Lower Upper

82 100

128 37.4 34.0 51.0

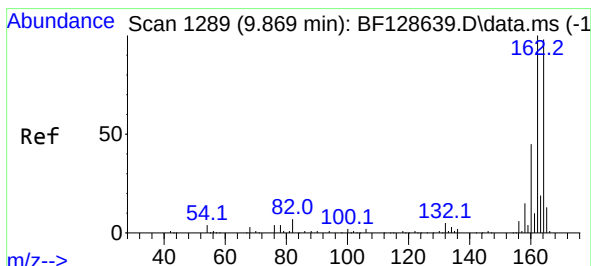
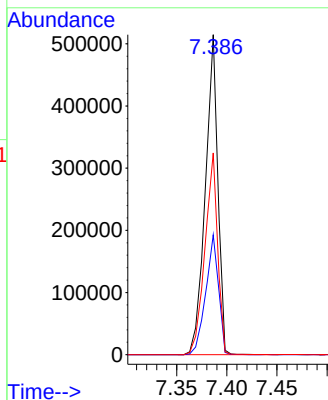
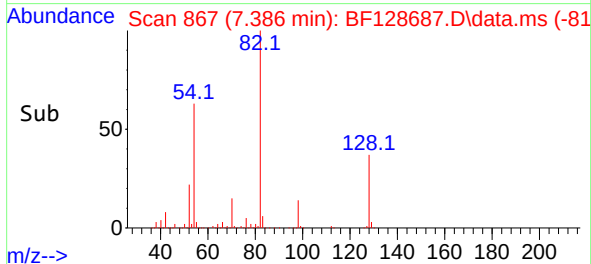
54 63.0 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

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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: BF128687.D

Acq: 03 Jun 2022 19:09

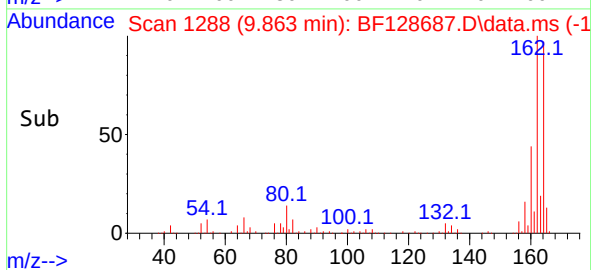
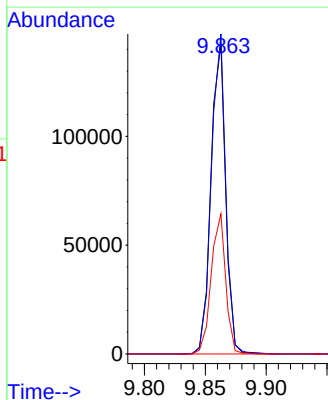
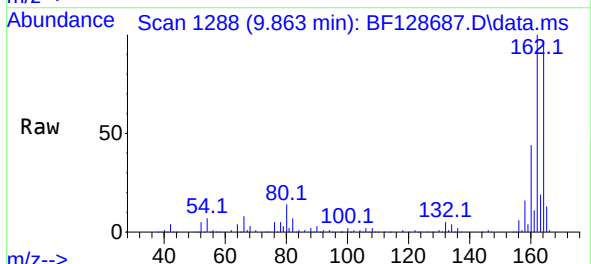
Tgt Ion:164 Resp: 119312

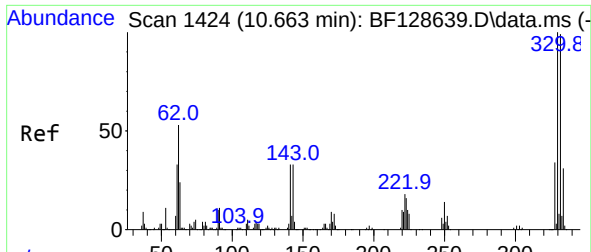
Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

160 45.2 34.2 51.4





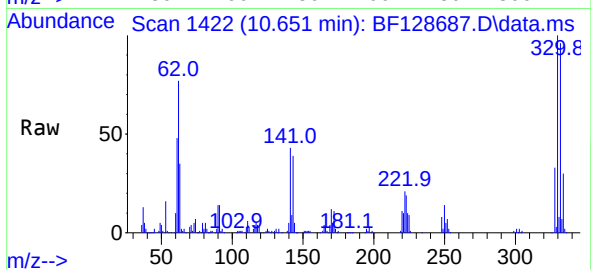
#42
2,4,6-Tribromophenol
Concen: 98.525 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Instrument :

BNA_F

ClientSampleId :

RBR-346

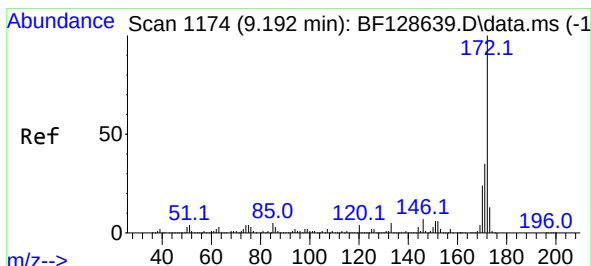
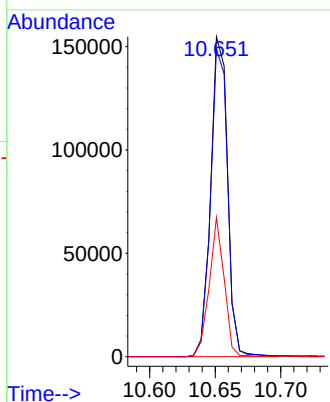
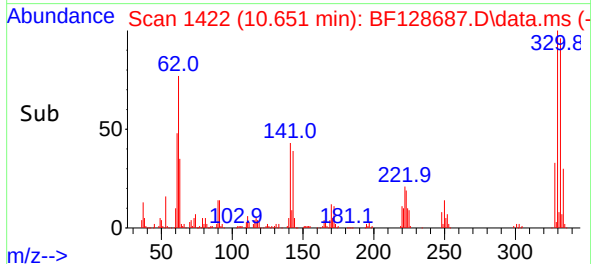


Tgt Ion: 330 Resp: 138894
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 38.9 28.0 42.0

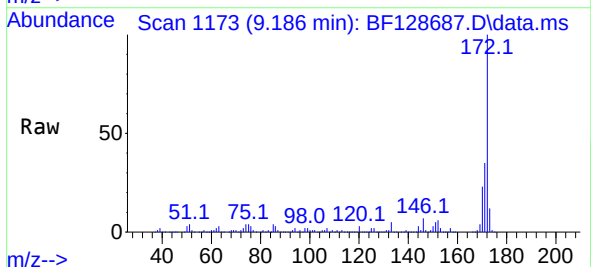
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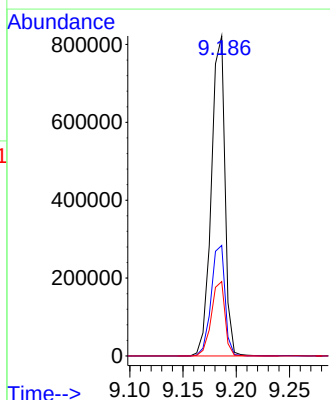
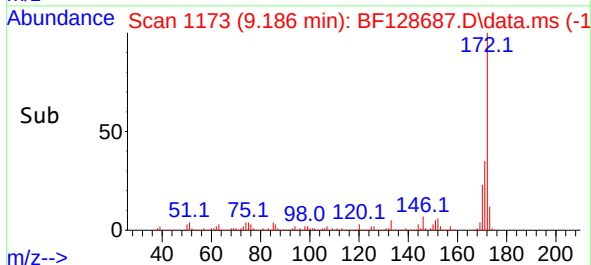
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022

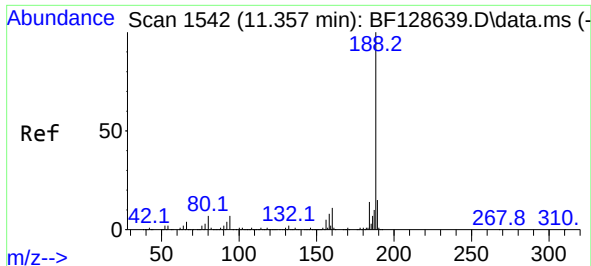


#45
2-Fluorobiphenyl
Concen: 86.167 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



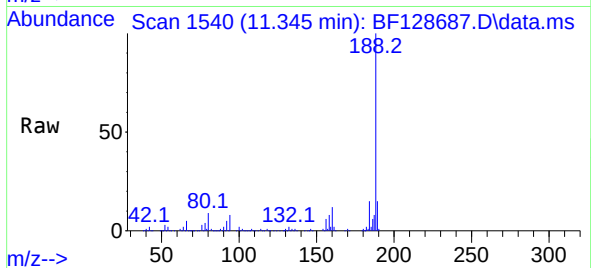
Tgt Ion: 172 Resp: 733918
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

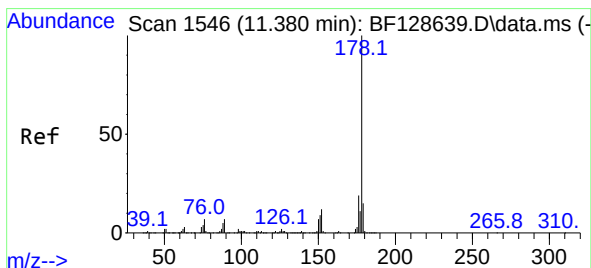
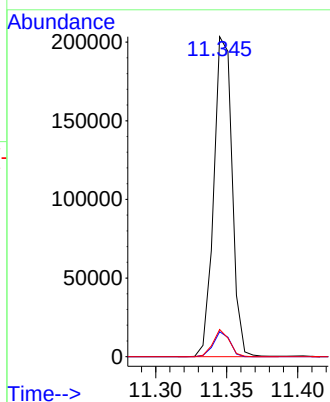
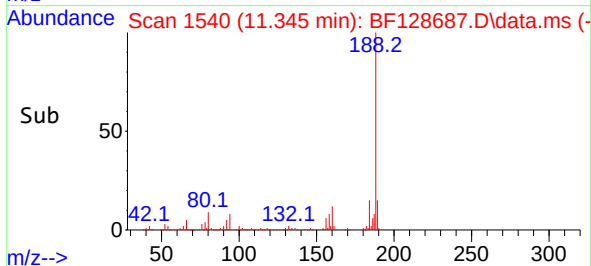
Instrument :
BNA_F
ClientSampleId :
RBR-346



Tgt Ion:188 Resp: 182285
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.5 7.6 11.4

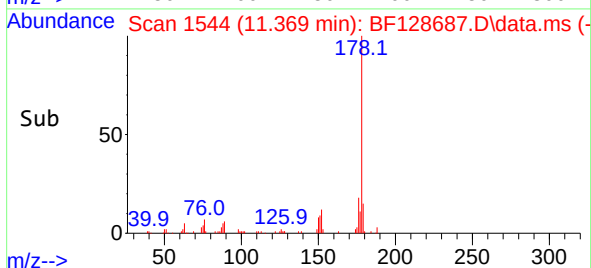
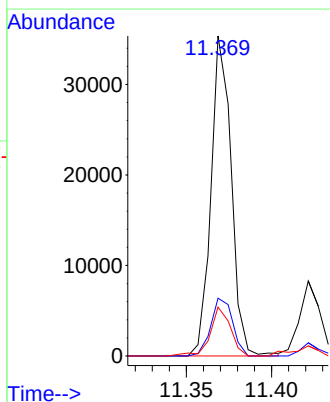
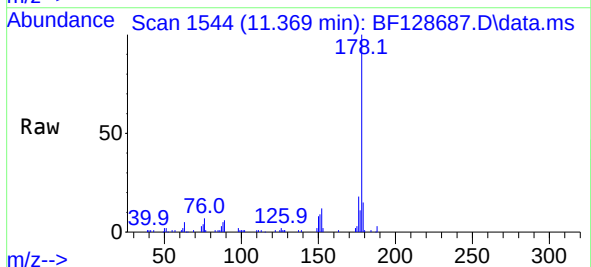
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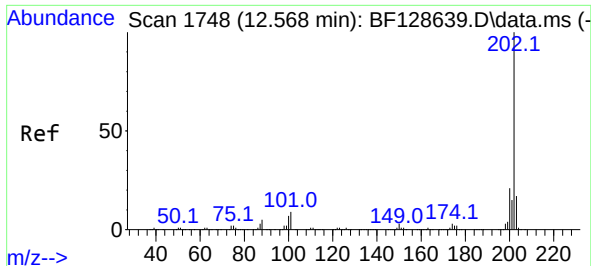
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#71
Phenanthrene
Concen: 3.192 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

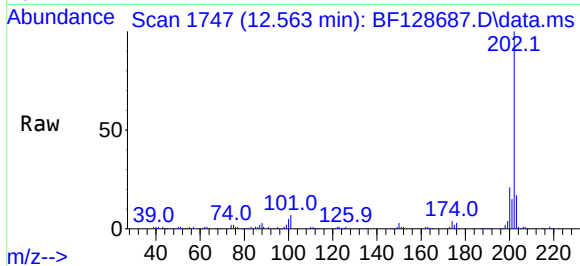
Tgt Ion:178 Resp: 29181
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 15.2 12.6 19.0





#75
Fluoranthene
Concen: 5.967 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

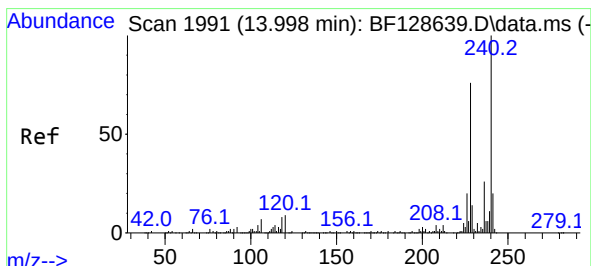
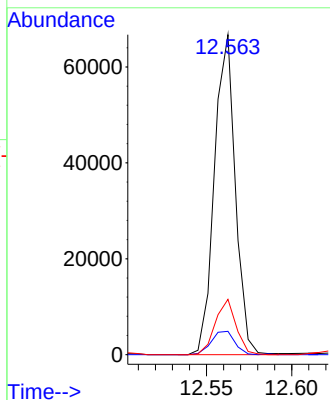
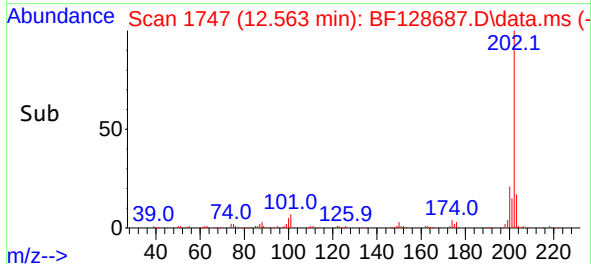
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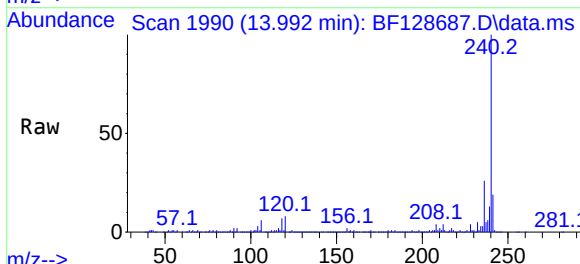
Tgt Ion:202 Resp: 57029
Ion Ratio Lower Upper
202 100
101 7.3 0.0 31.4
203 17.3 0.0 38.0

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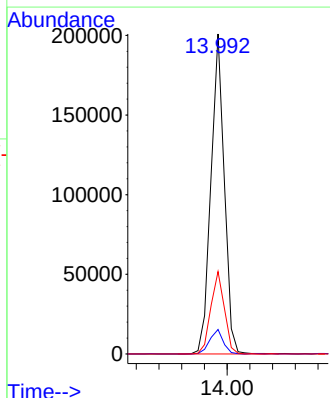
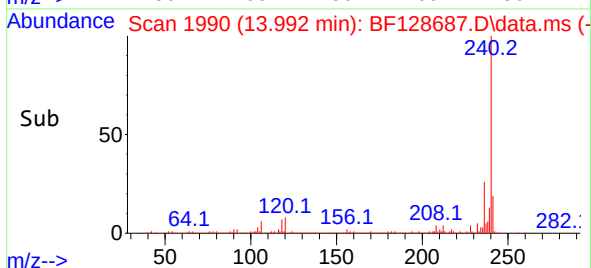
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

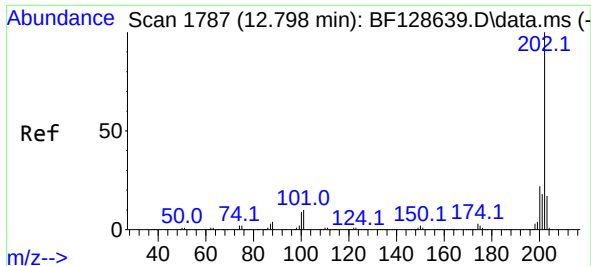


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



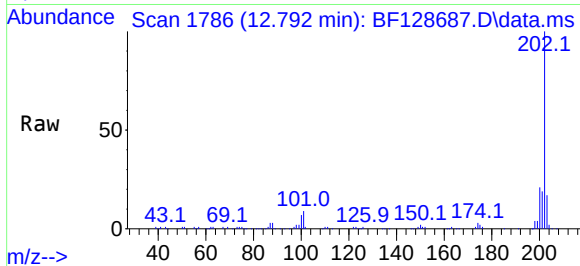
Tgt Ion:240 Resp: 163926
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.8 20.8 31.2





#78
Pyrene
Concen: 4.387 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

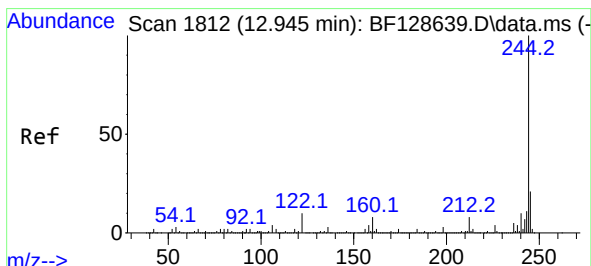
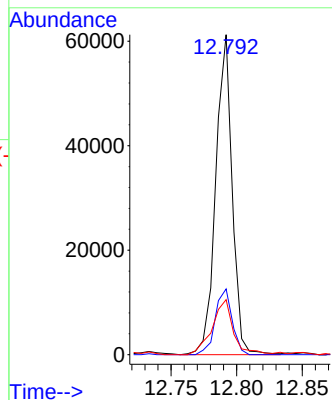
Instrument :
BNA_F
ClientSampleId :
RBR-346



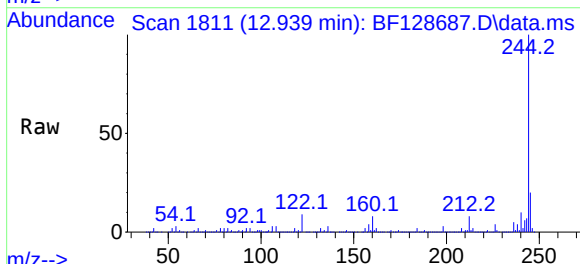
Tgt Ion:202 Resp: 5350
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.2 14.6 21.8

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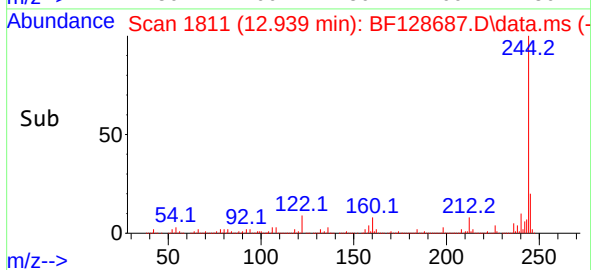
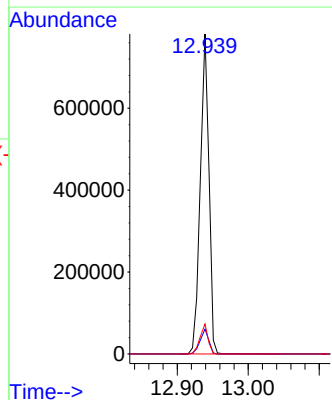
Reviewed By :Christian Giraldo 06/06/2022
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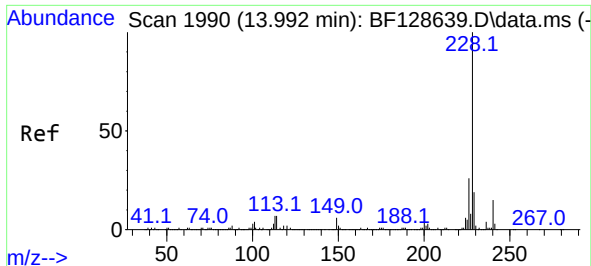


#79
Terphenyl-d14
Concen: 70.278 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



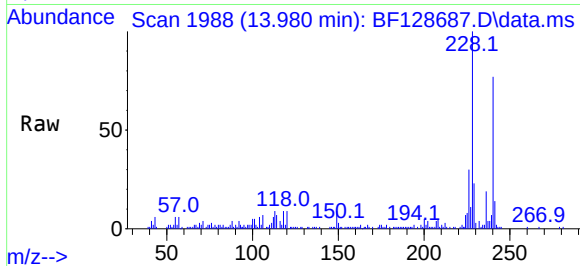
Tgt Ion:244 Resp: 662990
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 9.4 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.117 ng
RT: 13.980 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

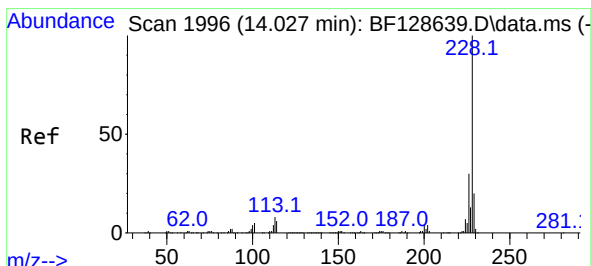
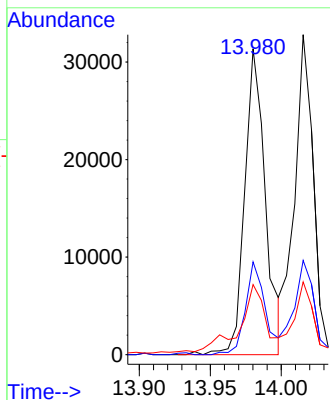
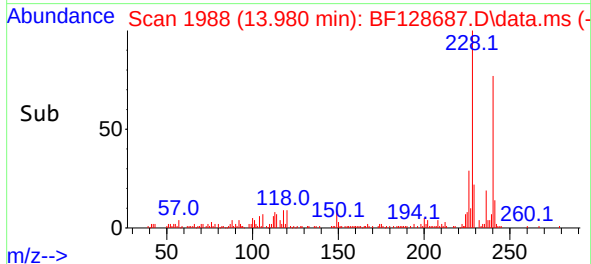
Instrument :
BNA_F
ClientSampleId :
RBR-346



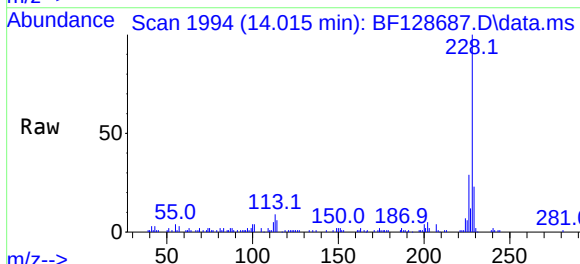
Tgt Ion:228 Resp: 3185
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 22.9 15.8 23.8

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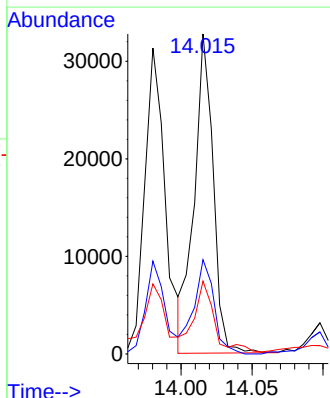
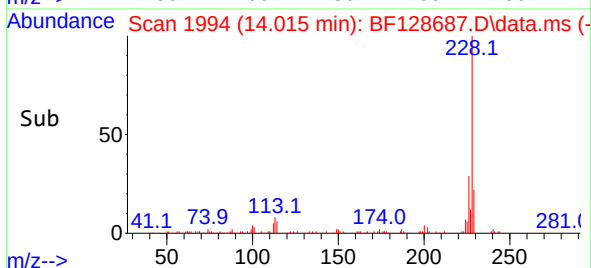
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

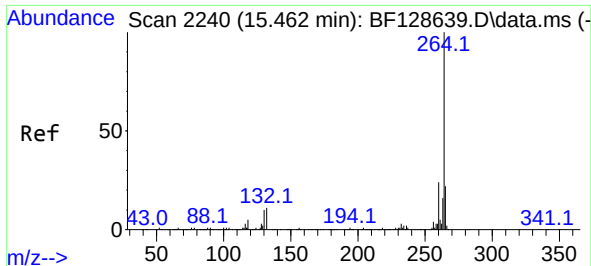


#83
Chrysene
Concen: 3.115 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



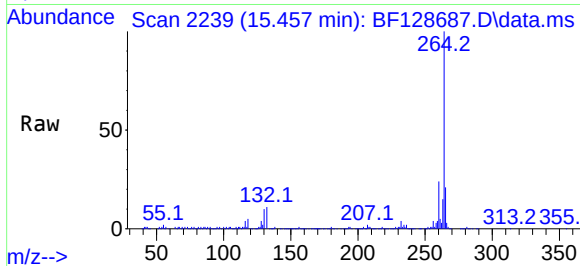
Tgt Ion:228 Resp: 30350
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 22.8 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

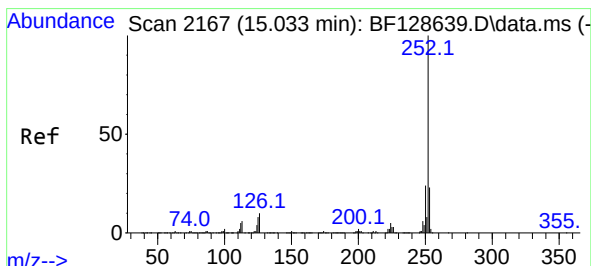
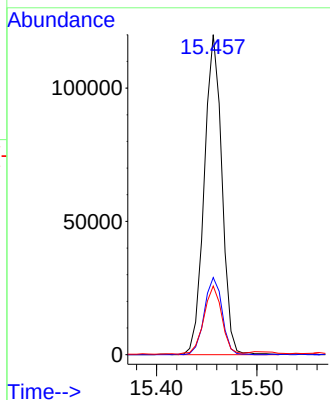
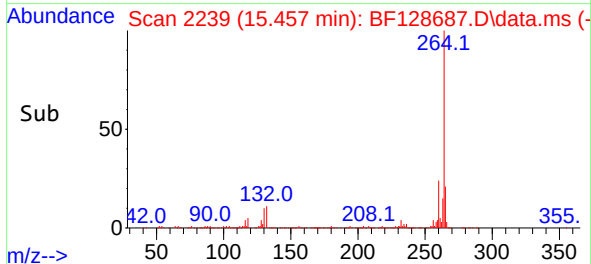
Instrument :
BNA_F
ClientSampleId :
RBR-346



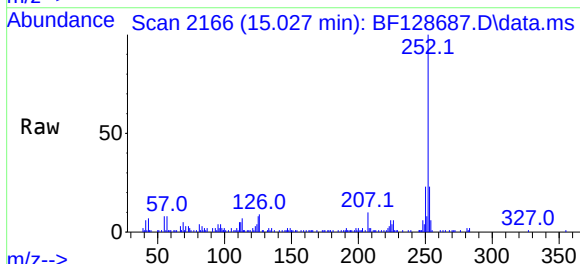
Tgt Ion:264 Resp: 147340
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.5 17.2 25.8

Manual Integrations
APPROVED

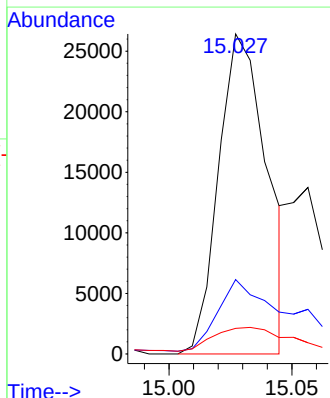
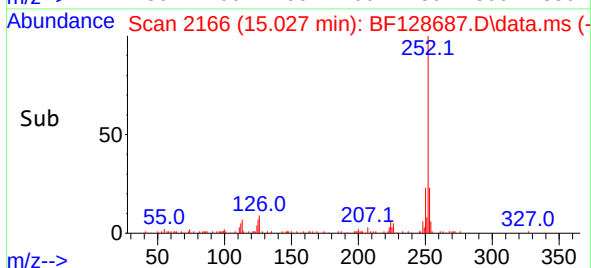
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

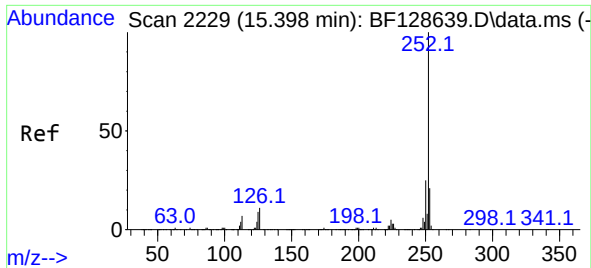


#88
Benzo(b)fluoranthene
Concen: 3.848 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09



Tgt Ion:252 Resp: 36231
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.0 8.0 12.0





#90
Benzo(a)pyrene
Concen: 3.376 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128687.D
Acq: 03 Jun 2022 19:09

Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:252 Resp: 24980
Ion Ratio Lower Upper
252 100
253 26.9 17.0 25.6
125 9.0 8.8 13.2

Manual Integrations
APPROVED

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

