

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128791.D
 Acq On : 13 Jun 2022 18:43
 Operator : CG\JU
 Sample : N3304-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6-G

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 14 01:56:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	62225	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	212024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	97657	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	152891	20.000	ng	# 0.01
76) Chrysene-d12	14.039	240	114591	20.000	ng	# 0.05
86) Perylene-d12	15.539	264	77211	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	344243	88.119	ng	-0.01
7) Phenol-d6	6.463	99	414935	87.013	ng	-0.02
23) Nitrobenzene-d5	7.369	82	296932	65.204	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	86489	74.956	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	453811	65.095	ng	0.00
79) Terphenyl-d14	12.957	244	388088	58.849	ng	0.02
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	29861m	3.725	ng	
78) Pyrene	12.816	202	197124	23.122	ng	# 91
81) Benzo(a)anthracene	14.027	228	79199m	11.088	ng	
83) Chrysene	14.063	228	179852m	26.411	ng	
87) Indeno(1,2,3-cd)pyrene	17.027	276	20459	4.396	ng	95
88) Benzo(b)fluoranthene	15.104	252	50990m	10.335	ng	
90) Benzo(a)pyrene	15.480	252	49921m	12.874	ng	
92) Benzo(g,h,i)perylene	17.474	276	46488	12.151	ng	# 71

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

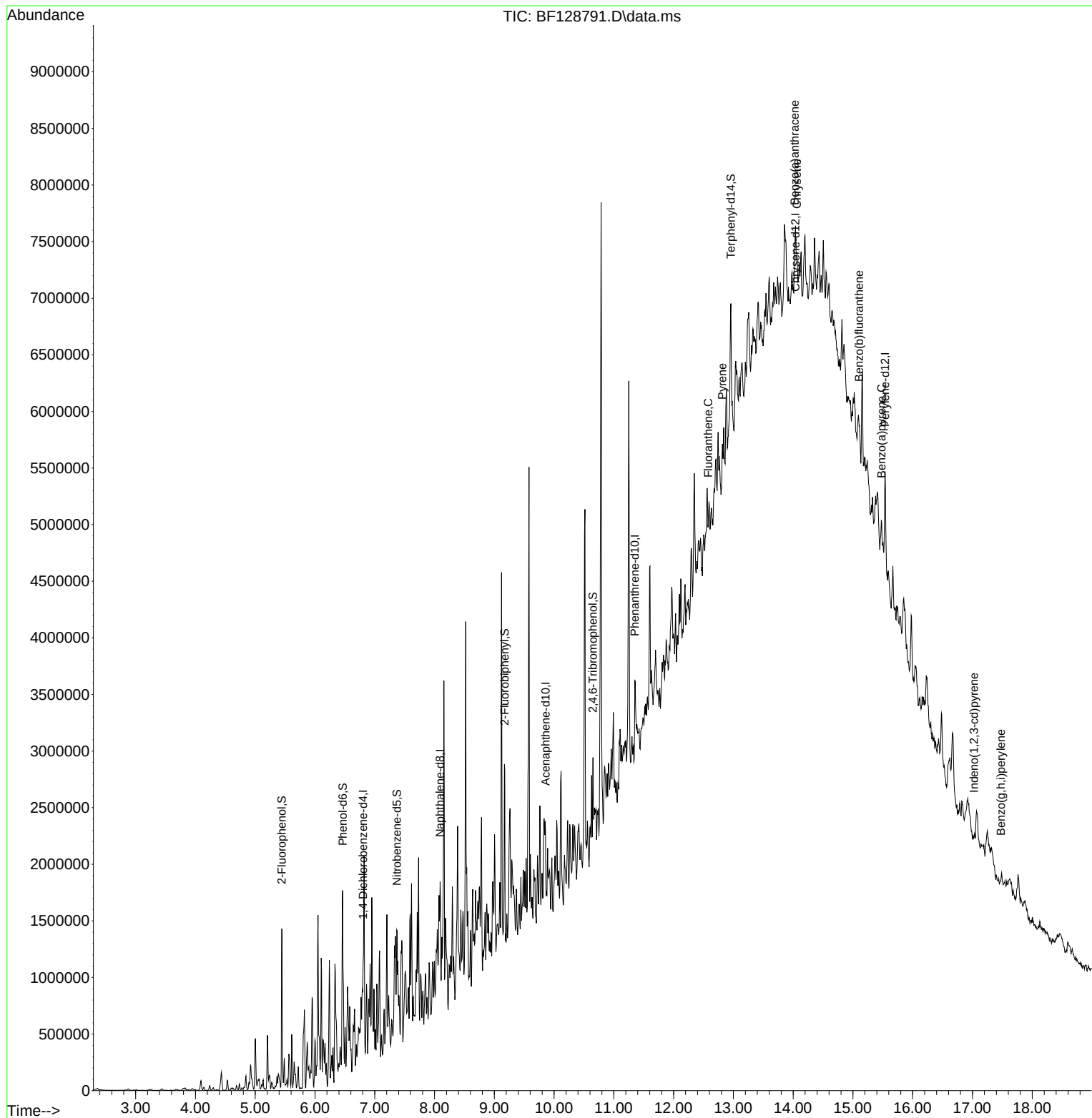
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128791.D
Acq On : 13 Jun 2022 18:43
Operator : CG\JU
Sample : N3304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

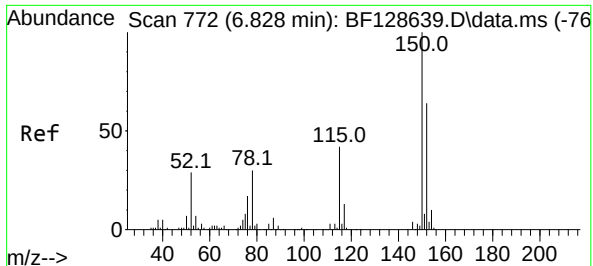
Instrument :
BNA_F
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WC-14A-1A-6-G

Quant Time: Jun 14 01:56:41 2022
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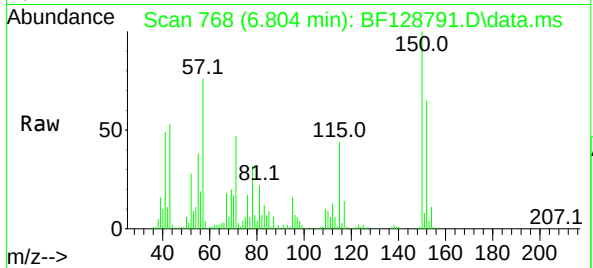
Reviewed By : Christian Giraldo 06/14/2022
Supervised By : Jagrut Upadhyay 06/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

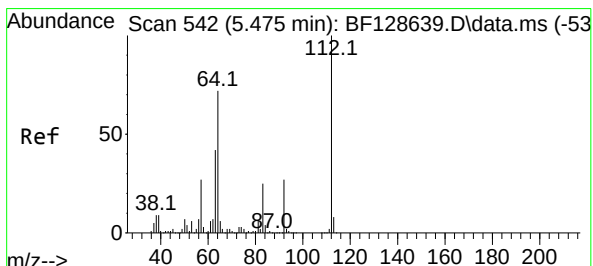
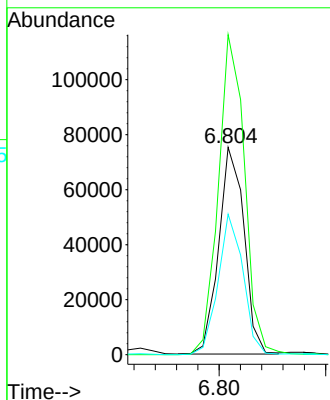
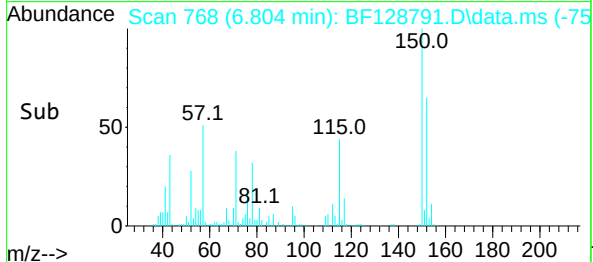
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G



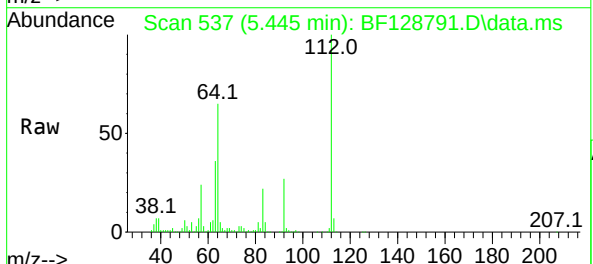
Tgt Ion:152 Resp: 62225
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 67.8 49.9 74.9

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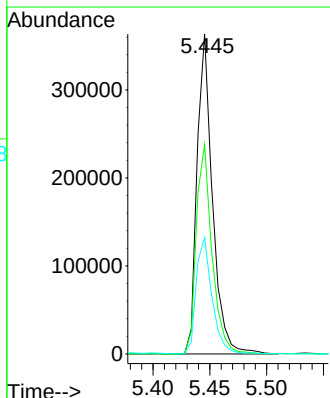
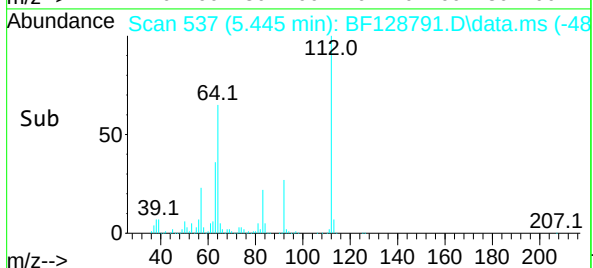
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

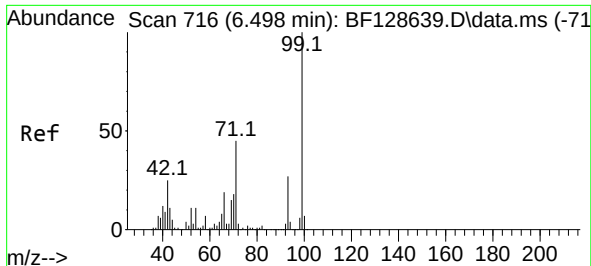


#5
2-Fluorophenol
Concen: 88.119 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43



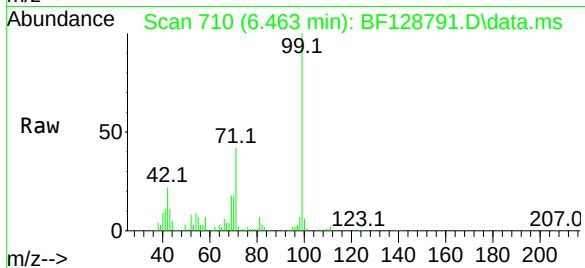
Tgt Ion:112 Resp: 344243
Ion Ratio Lower Upper
112 100
64 65.4 53.3 79.9
63 36.4 28.0 42.0





#7
Phenol-d6
Concen: 87.013 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

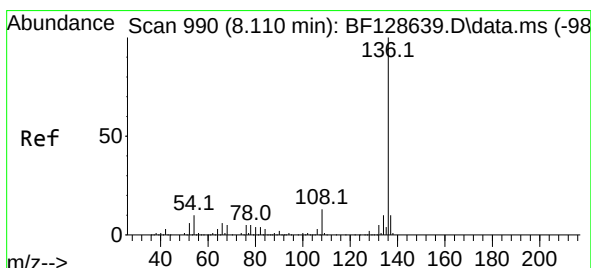
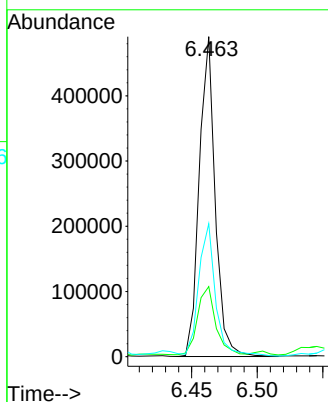
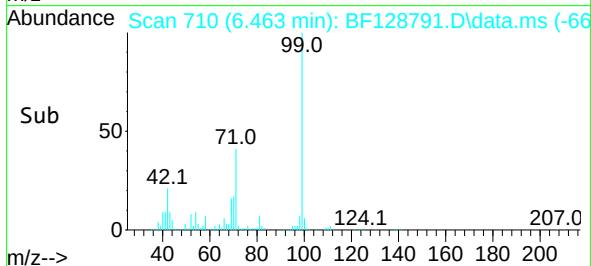
Instrument :
BNA_F
ClientSampleId :
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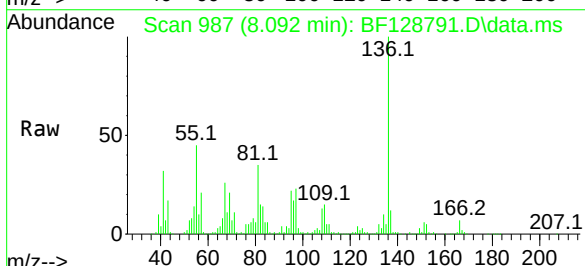
Tgt Ion: 99 Resp: 41493
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.6 28.9 43.3

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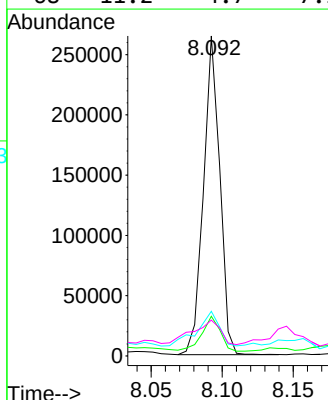
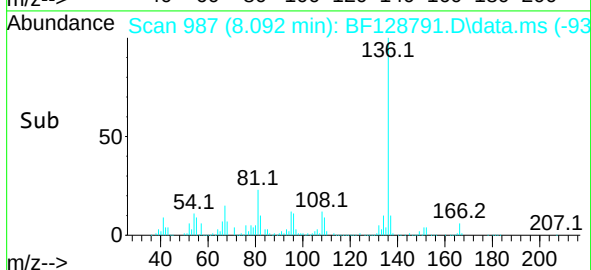
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

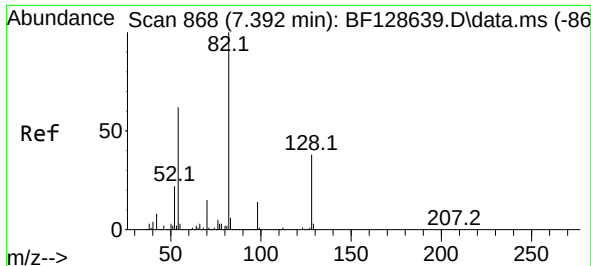


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43



Tgt Ion:136 Resp: 212024
Ion Ratio Lower Upper
136 100
137 12.4 8.8 13.2
54 14.0 7.5 11.3#
68 11.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 65.204 ng

RT: 7.369 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128791.D

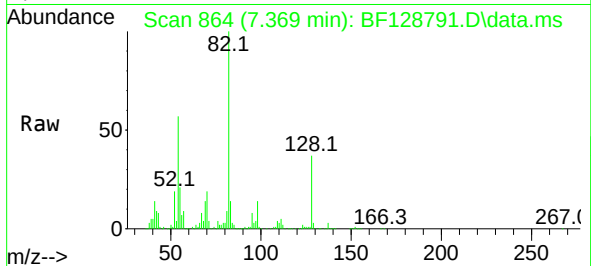
Acq: 13 Jun 2022 18:43

Instrument :

BNA_F

ClientSampleId :

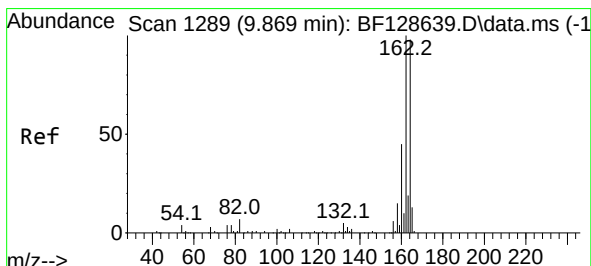
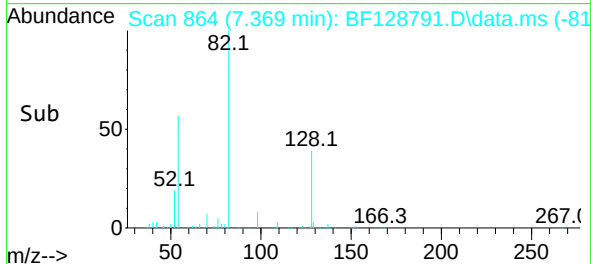
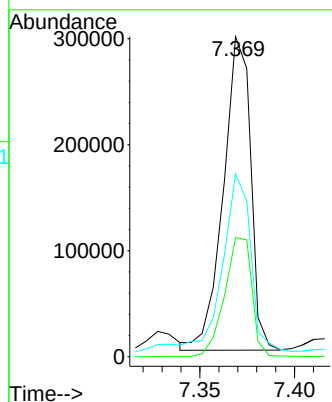
WC-14A-1A-6-G



Tgt Ion: 82	Resp: 29693
Ion Ratio	Lower Upper
82	100
128	37.2 34.0 51.0
54	57.2 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

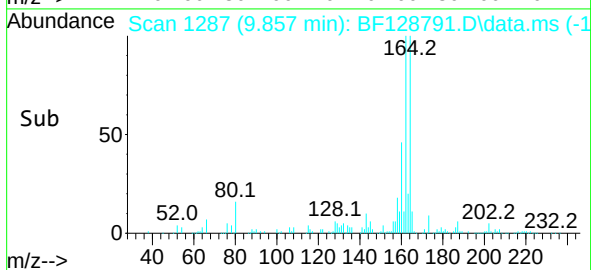
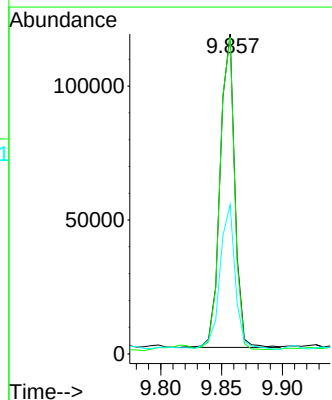
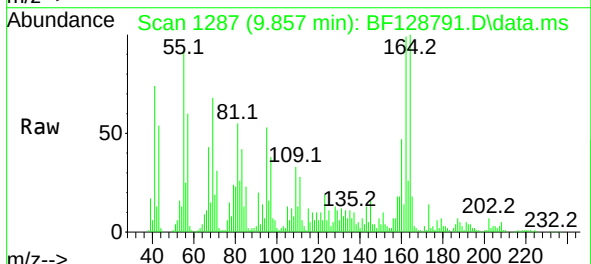
RT: 9.857 min Scan# 1287

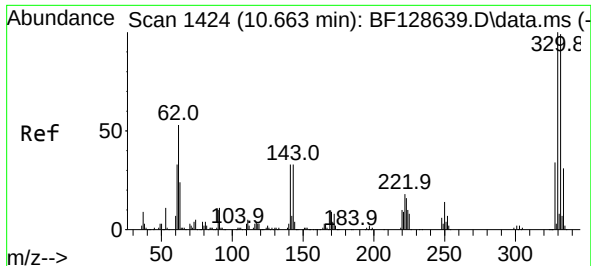
Delta R.T. -0.000 min

Lab File: BF128791.D

Acq: 13 Jun 2022 18:43

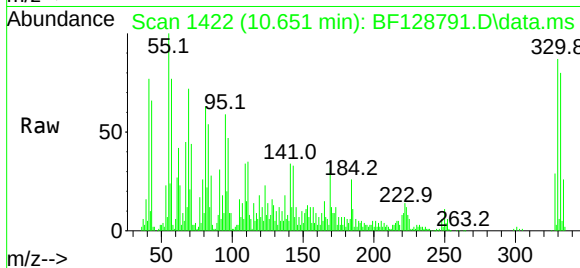
Tgt Ion: 164	Resp: 97657
Ion Ratio	Lower Upper
164	100
162	98.9 79.5 119.3
160	46.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 74.956 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

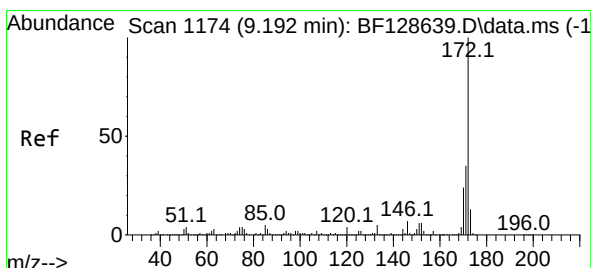
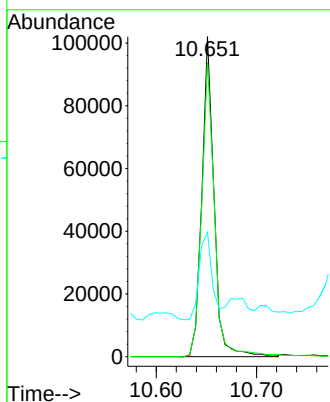
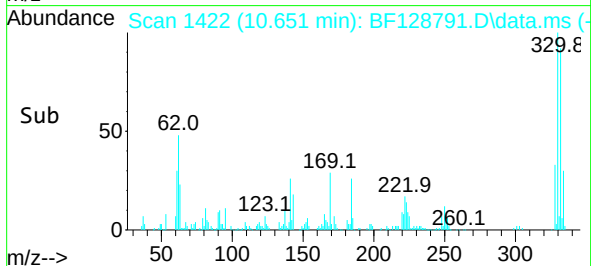
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G



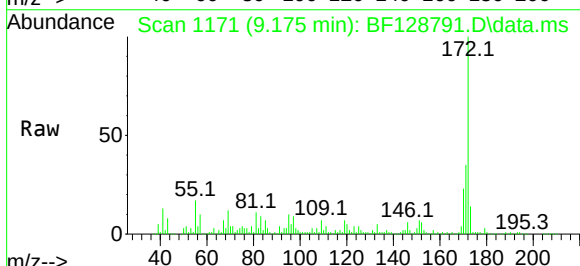
Tgt Ion: 330 Resp: 86489
Ion Ratio Lower Upper
330 100
332 97.8 76.8 115.2
141 30.1 28.0 42.0

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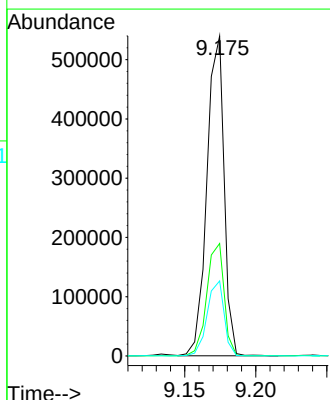
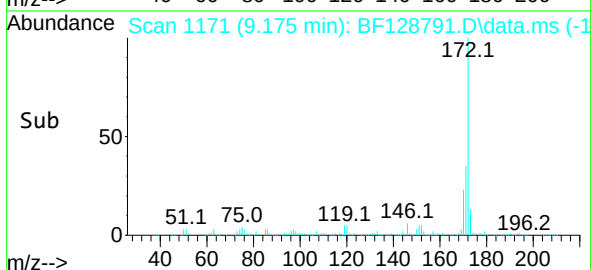
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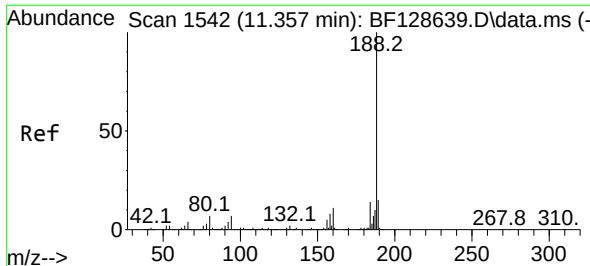


#45
2-Fluorobiphenyl
Concen: 65.095 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43



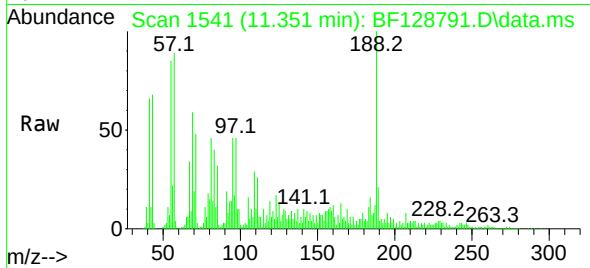
Tgt Ion: 172 Resp: 453811
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

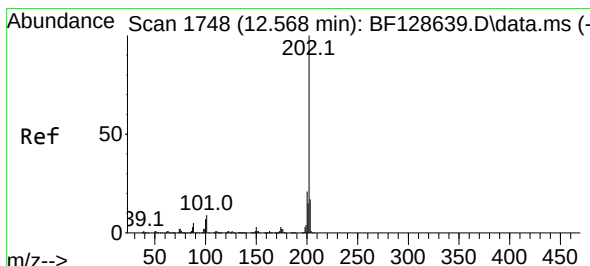
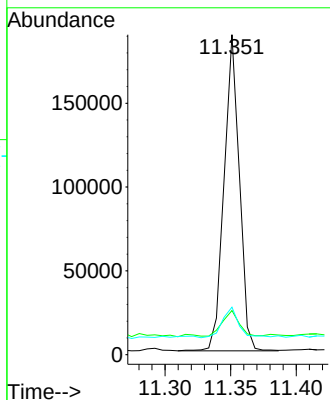
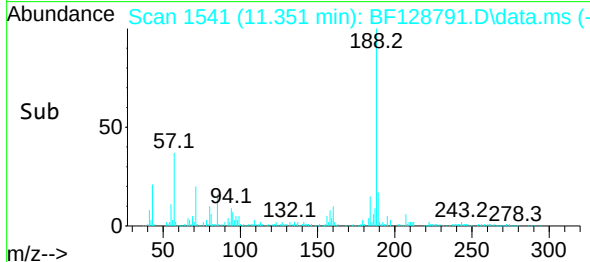
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G



Tgt Ion:188 Resp: 15289
Ion Ratio Lower Upper
188 100
94 13.8 7.0 10.6
80 14.9 7.6 11.4

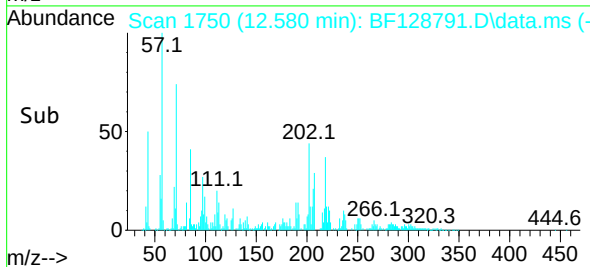
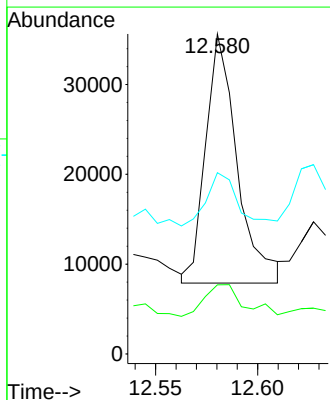
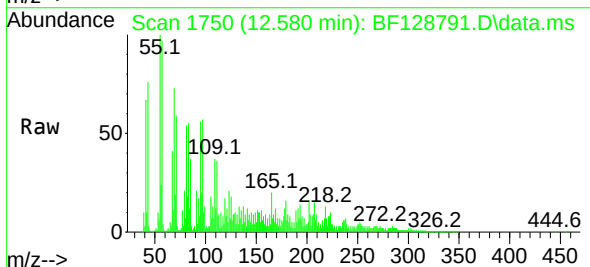
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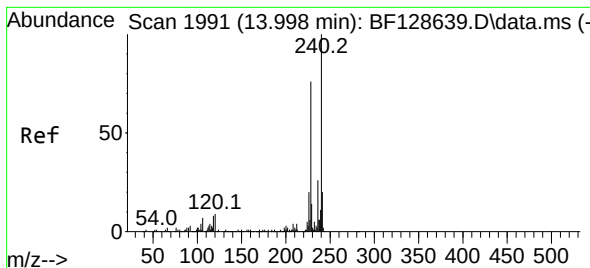
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#75
Fluoranthene
Concen: 3.725 ng m
RT: 12.580 min Scan# 1750
Delta R.T. 0.023 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

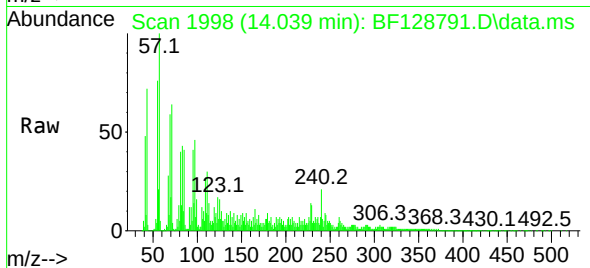
Tgt Ion:202 Resp: 29861
Ion Ratio Lower Upper
202 100
101 21.6 0.0 31.4
203 56.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1991
Delta R.T. 0.053 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

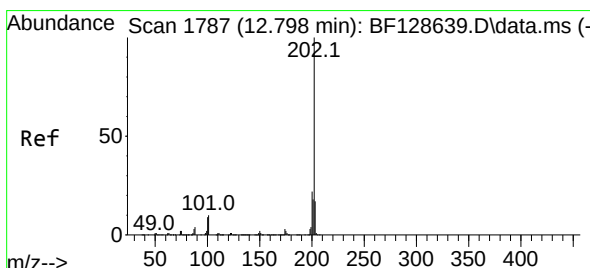
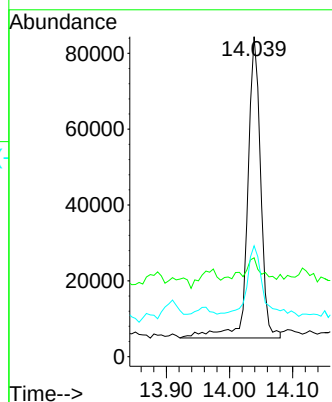
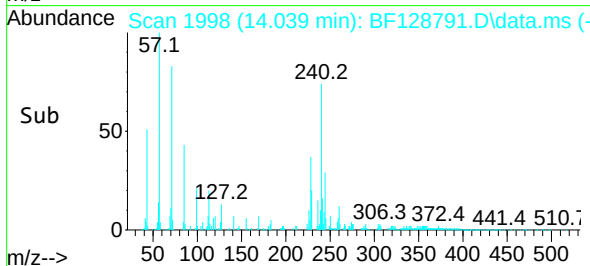
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G



Tgt Ion:240 Resp: 11459
Ion Ratio Lower Upper
240 100
120 30.9 8.9 13.3
236 34.7 20.8 31.2

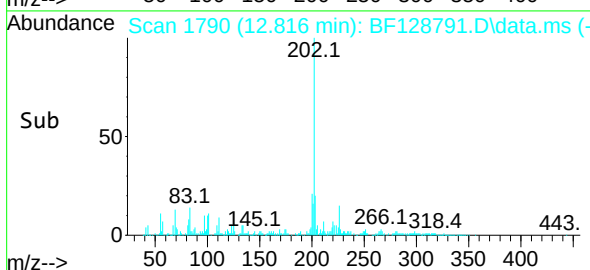
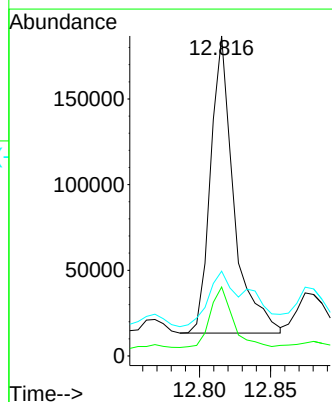
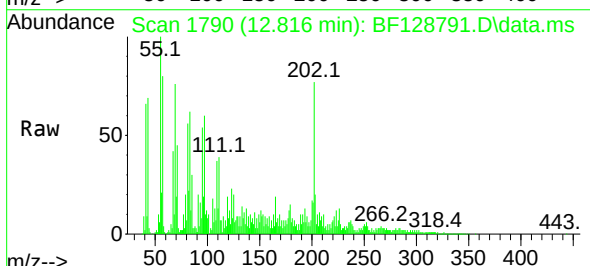
Manual Integrations
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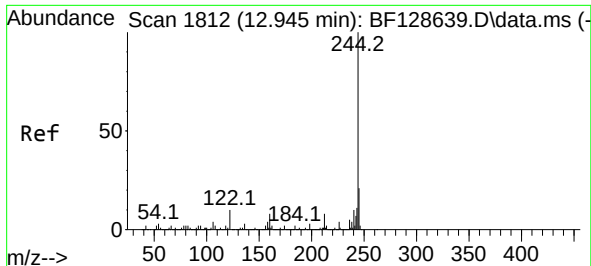
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#78
Pyrene
Concen: 23.122 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.029 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

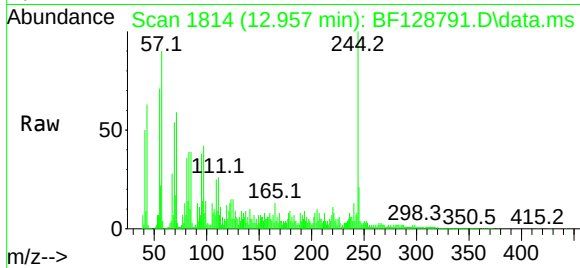
Tgt Ion:202 Resp: 197124
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 26.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 58.849 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.023 min
 Lab File: BF128791.D
 Acq: 13 Jun 2022 18:43

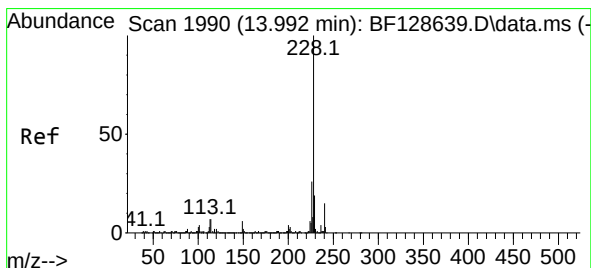
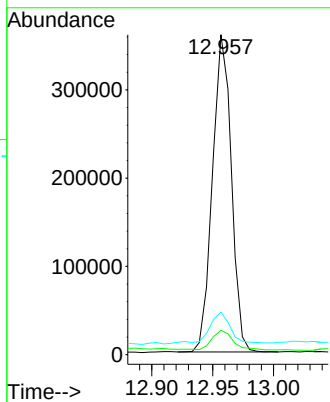
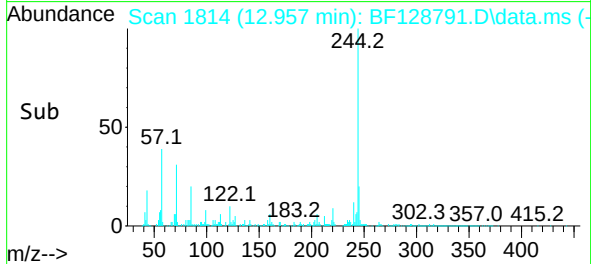
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-6-G



Tgt Ion:244 Resp: 388088
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.3 8.8 13.2

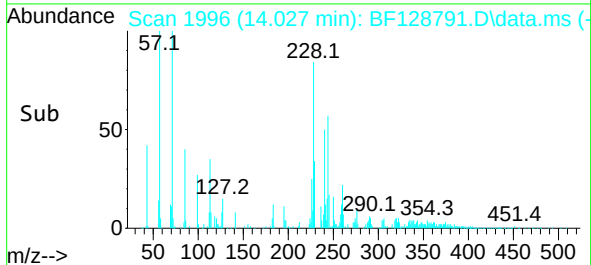
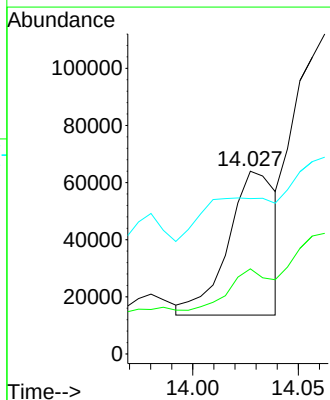
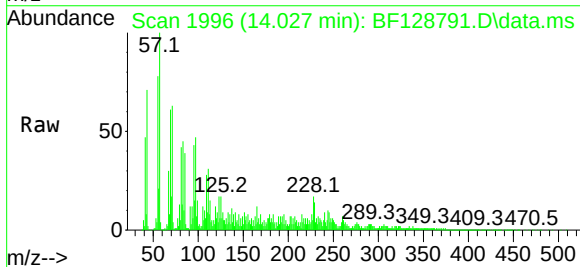
Manual Integrations
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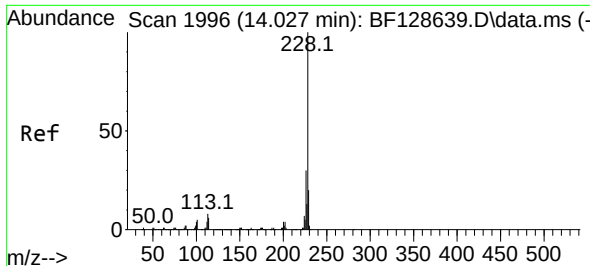
Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022



#81
 Benzo(a)anthracene
 Concen: 11.088 ng m
 RT: 14.027 min Scan# 1996
 Delta R.T. 0.053 min
 Lab File: BF128791.D
 Acq: 13 Jun 2022 18:43

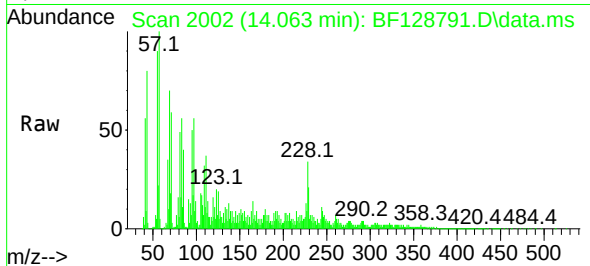
Tgt Ion:228 Resp: 79199
 Ion Ratio Lower Upper
 228 100
 226 46.6 22.1 33.1#
 229 85.0 15.8 23.8#





#83
Chrysene
Concen: 26.411 ng m
RT: 14.063 min Scan# 20
Delta R.T. 0.047 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

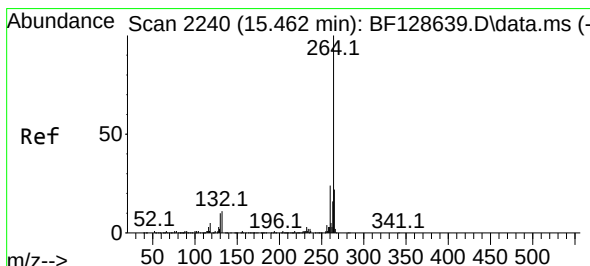
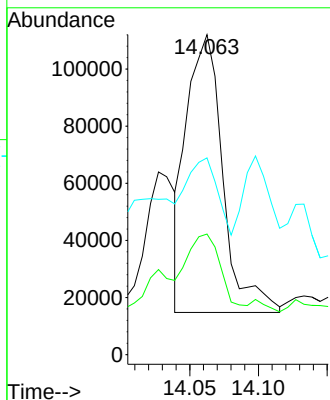
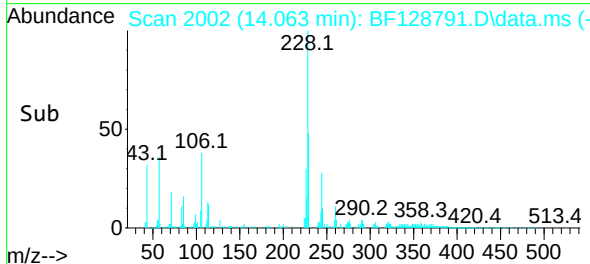
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6-G



Tgt Ion:228 Resp: 179852
Ion Ratio Lower Upper
228 100
226 37.7 24.3 36.5#
229 61.5 15.9 23.9#

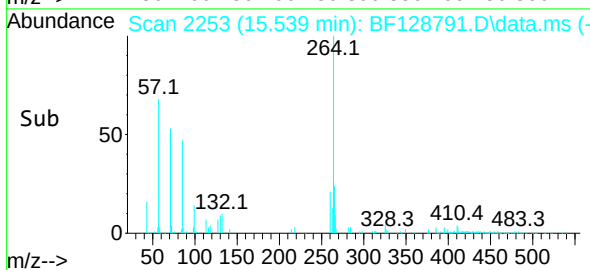
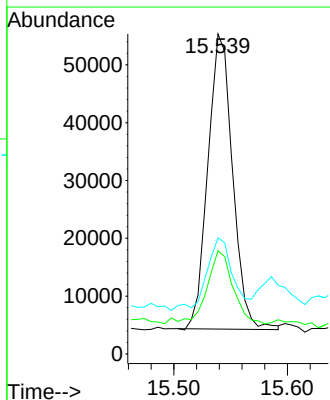
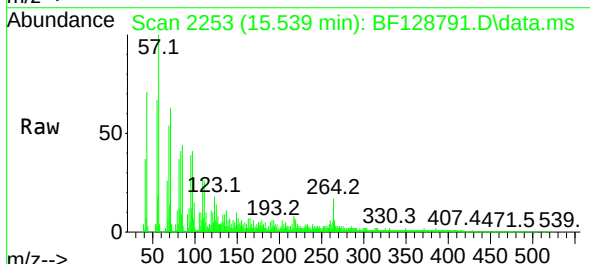
Manual Integrations
APPROVED

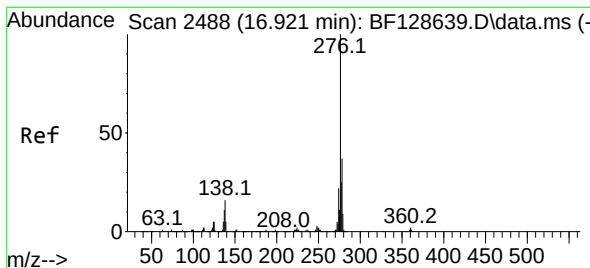
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. 0.094 min
Lab File: BF128791.D
Acq: 13 Jun 2022 18:43

Tgt Ion:264 Resp: 77211
Ion Ratio Lower Upper
264 100
260 32.2 18.4 27.6#
265 36.3 17.2 25.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.396 ng

RT: 17.027 min Scan# 2179

Delta R.T. 0.129 min

Lab File: BF128791.D

Acq: 13 Jun 2022 18:43

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6-G

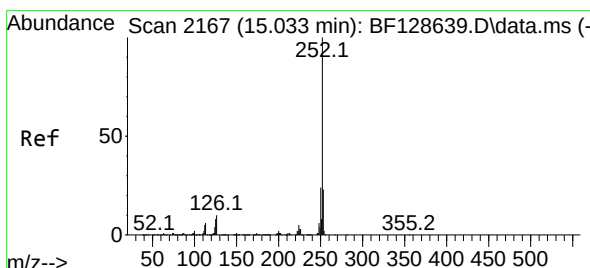
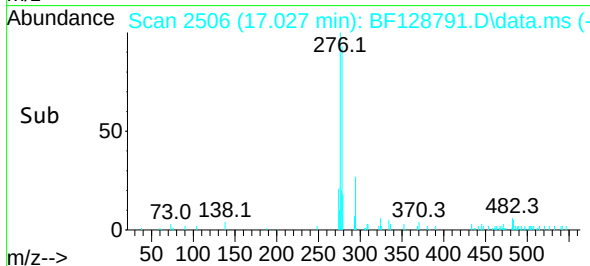
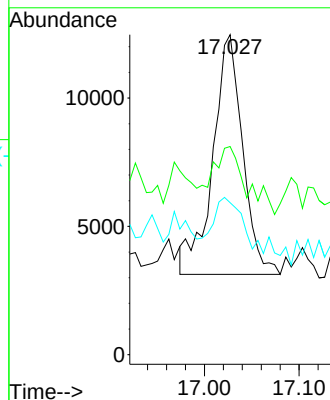
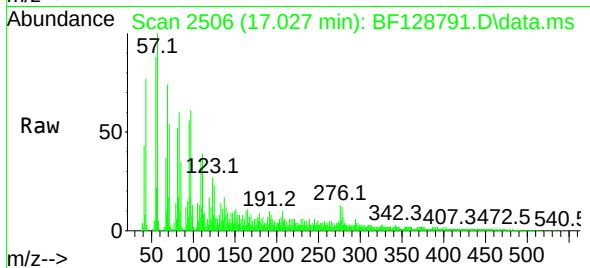
Tgt Ion:	276	Resp:	2045
Ion Ratio	Lower	Upper	
276	100		
138	29.0	21.1	31.7
277	22.4	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#88

Benzo(b)fluoranthene

Concen: 10.335 ng m

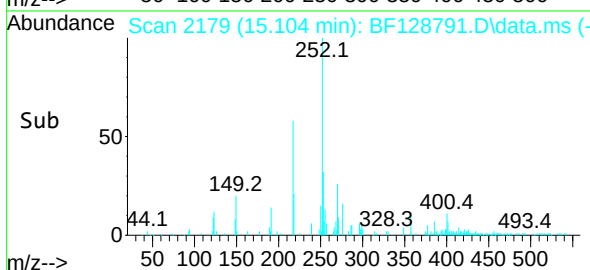
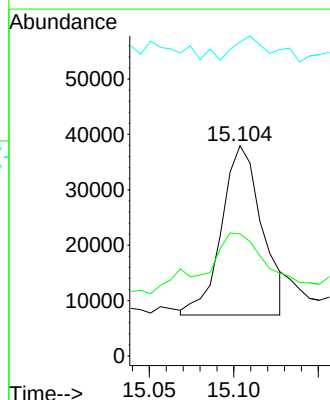
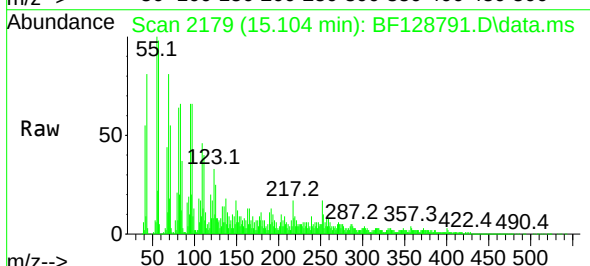
RT: 15.104 min Scan# 2179

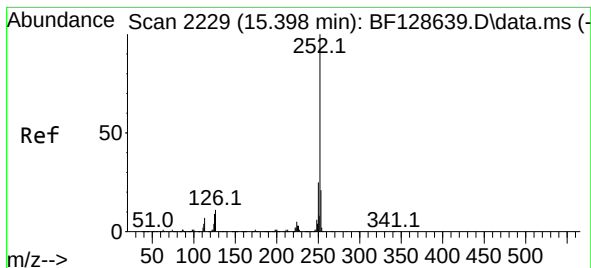
Delta R.T. 0.082 min

Lab File: BF128791.D

Acq: 13 Jun 2022 18:43

Tgt Ion:	252	Resp:	50990
Ion Ratio	Lower	Upper	
252	100		
253	58.0	17.7	26.5#
125	149.3	8.0	12.0#





#90

Benzo(a)pyrene

Concen: 12.874 ng m

RT: 15.480 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF128791.D

Acq: 13 Jun 2022 18:43

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-6-G

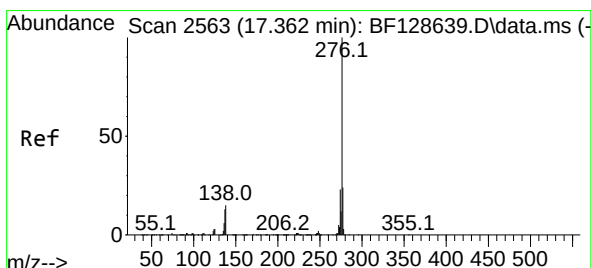
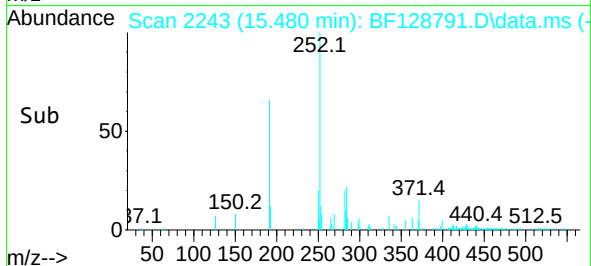
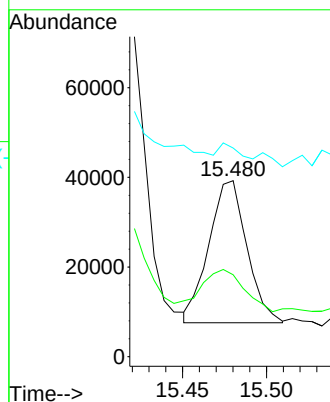
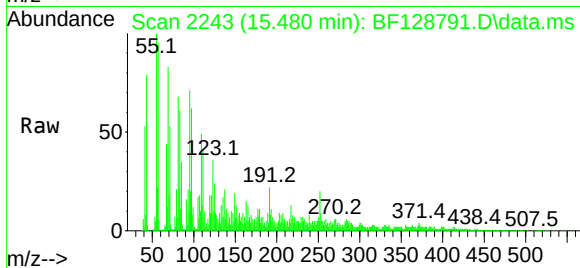
Tgt Ion:	252	Resp:	4992
Ion Ratio	Lower	Upper	
252	100		
253	46.5	17.0	25.6
125	118.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#92

Benzo(g,h,i)perylene

Concen: 12.151 ng

RT: 17.474 min Scan# 2582

Delta R.T. 0.135 min

Lab File: BF128791.D

Acq: 13 Jun 2022 18:43

Tgt Ion:	276	Resp:	46488
Ion Ratio	Lower	Upper	
276	100		
277	37.4	19.1	28.7#
138	36.9	18.0	27.0#

