

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130098.D
 Acq On : 02 Sep 2022 02:10
 Operator : CG\JU
 Sample : N4464-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 04:09:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	241464	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	961599	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	502109	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	809003	20.000	ng	0.00
76) Chrysene-d12	13.839	240	488068	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	425356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1359671	95.594	ng	0.00
7) Phenol-d6	6.334	99	1716201	96.783	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1006622	67.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	279755	61.208	ng	-0.02
45) 2-Fluorobiphenyl	9.063	172	1762338	58.192	ng	0.00
79) Terphenyl-d14	12.798	244	1556538	55.304	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.233	178	136230	3.105	ng	98
75) Fluoranthene	12.416	202	172937	3.975	ng	96
78) Pyrene	12.645	202	142643	3.258	ng	99
88) Benzo(b)fluoranthene	14.845	252	59955m	2.114	ng	

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

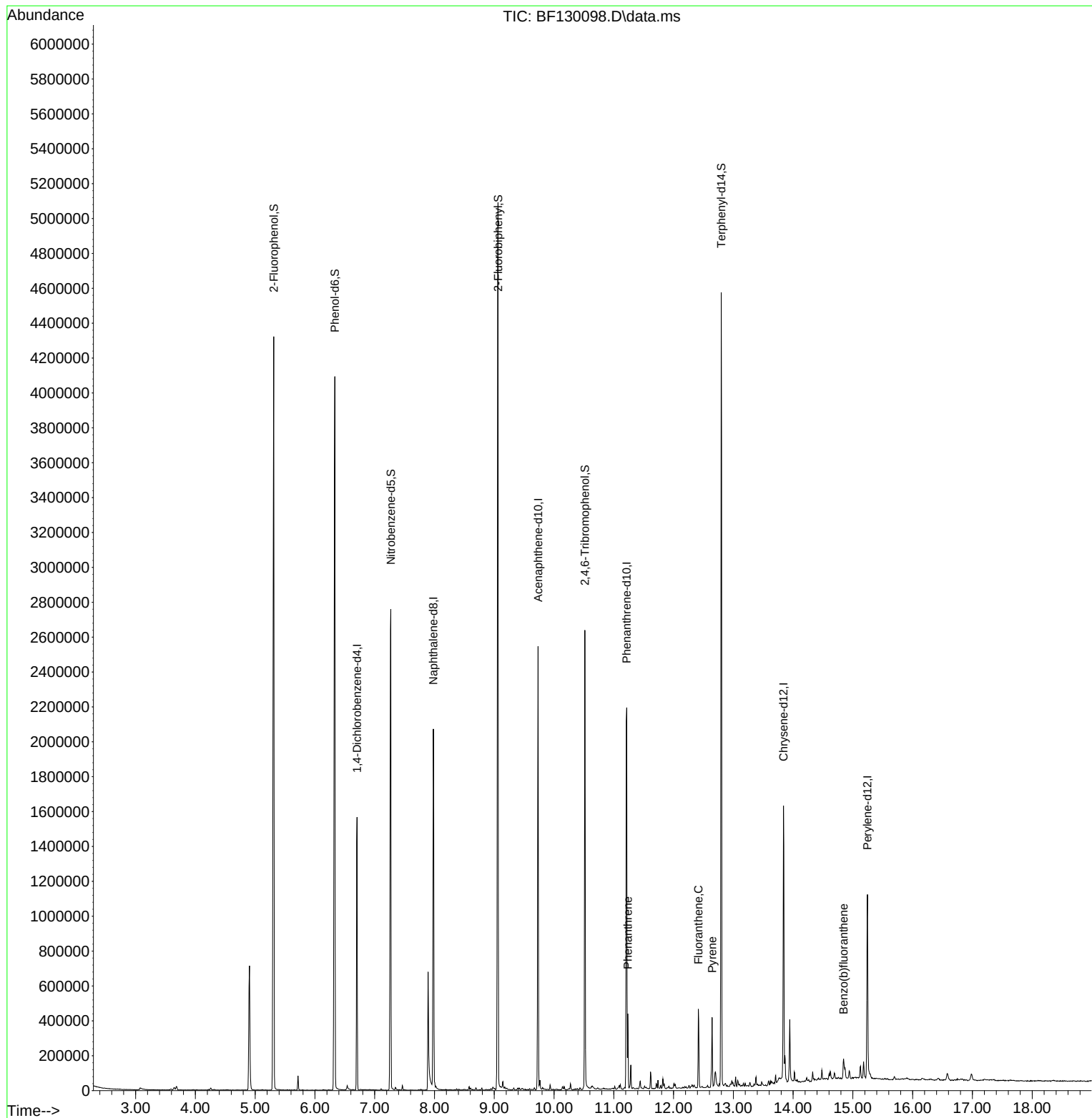
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130098.D
Acq On : 02 Sep 2022 02:10
Operator : CG\JU
Sample : N4464-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

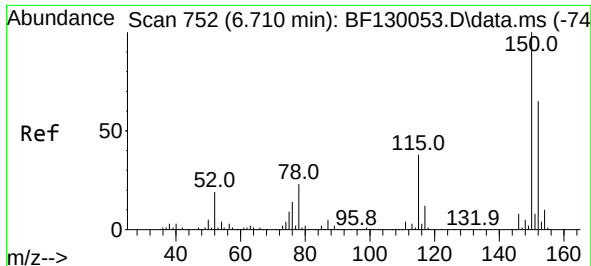
Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Time: Sep 02 04:09:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

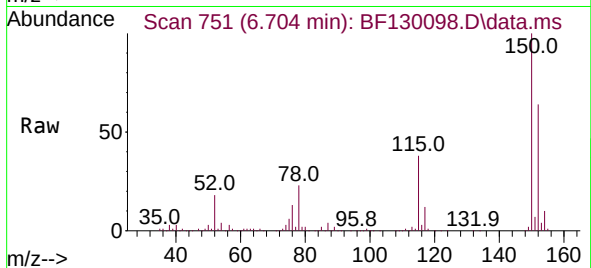
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

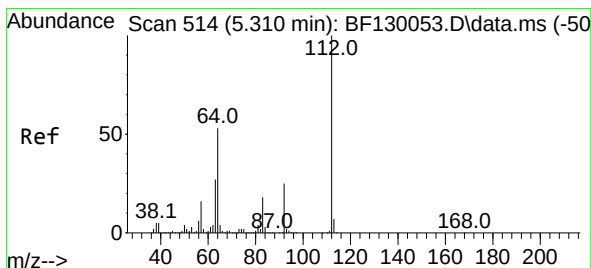
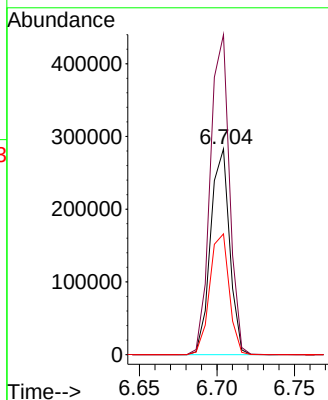
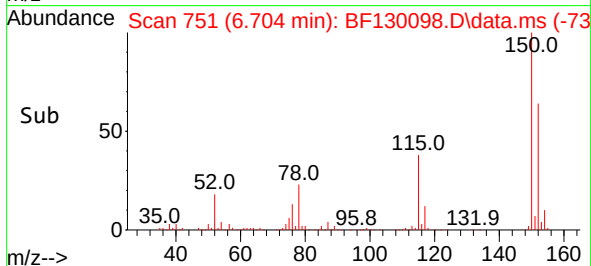
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:152 Resp: 241464
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 58.7 53.4 80.0

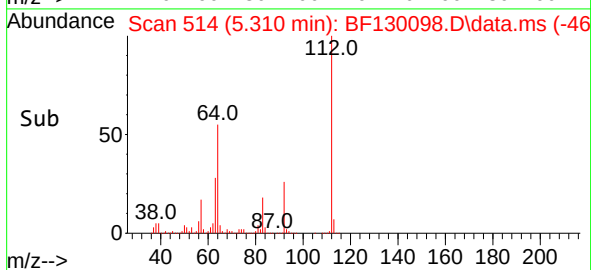
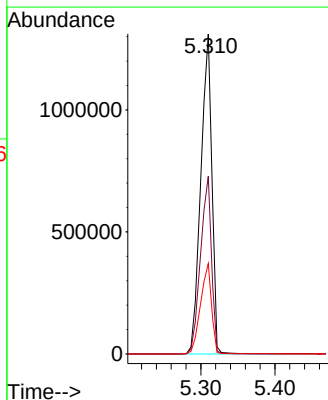
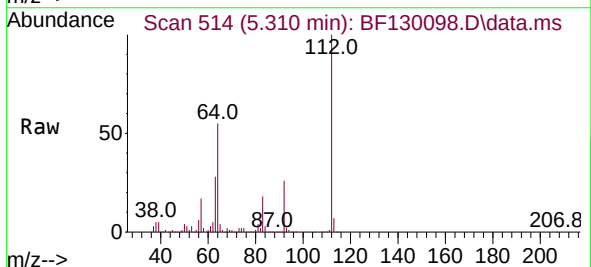
Manual Integrations
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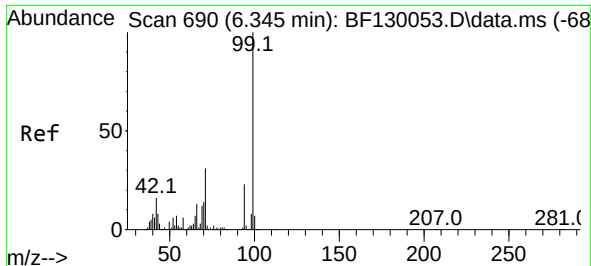
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#5
2-Fluorophenol
Concen: 95.594 ng
RT: 5.310 min Scan# 514
Delta R.T. -0.000 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

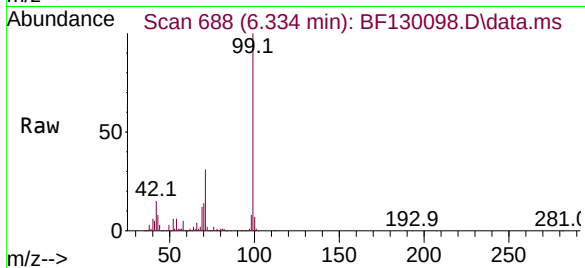
Tgt Ion:112 Resp: 1359671
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 28.3 24.6 37.0





#7
Phenol-d6
Concen: 96.783 ng
RT: 6.334 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

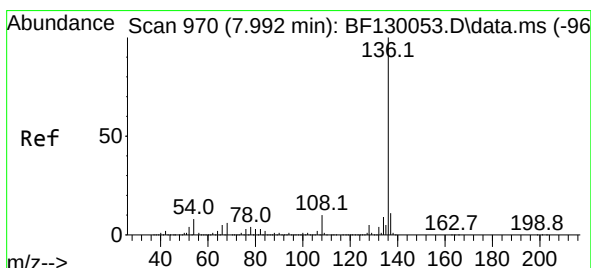
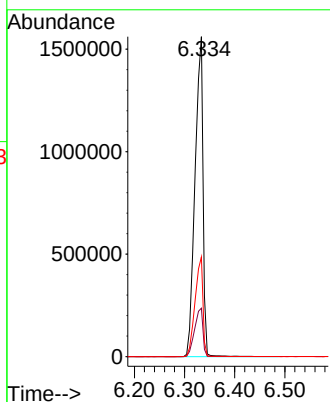
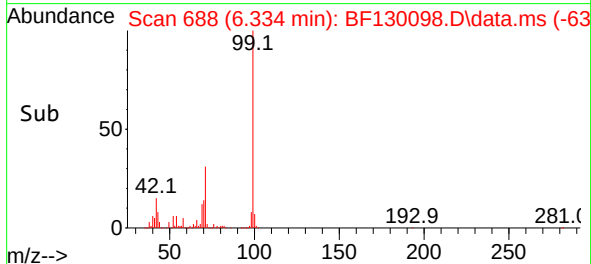
Instrument :
BNA_F
ClientSampleId :
WC-2



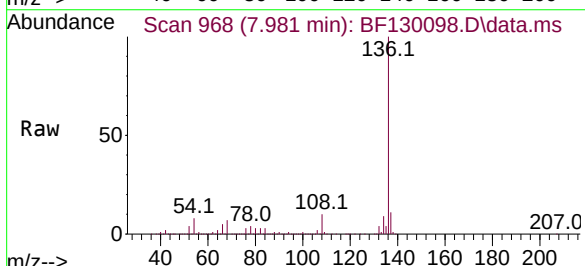
Tgt Ion: 99 Resp: 1716201
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.4
71 31.1 28.8 43.2

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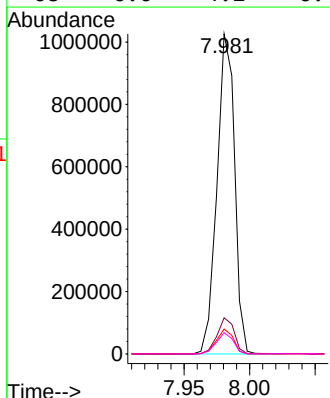
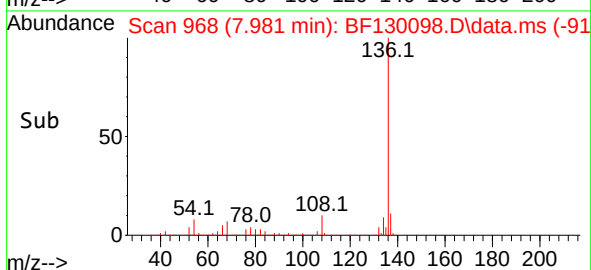
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

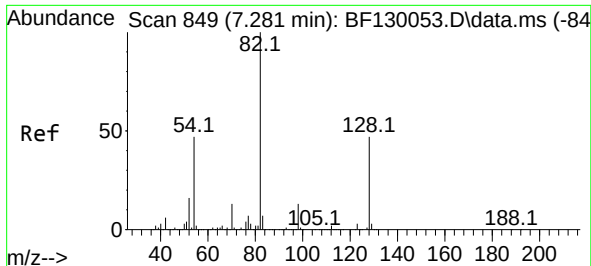


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10



Tgt Ion:136 Resp: 961599
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 67.275 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130098.D

Acq: 02 Sep 2022 02:10

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion: 82 Resp: 100662

Ion Ratio Lower Upper

82 100

128 49.5 36.1 54.1

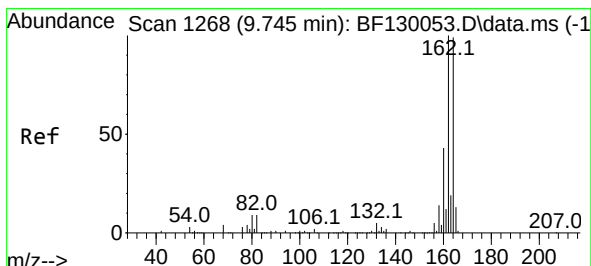
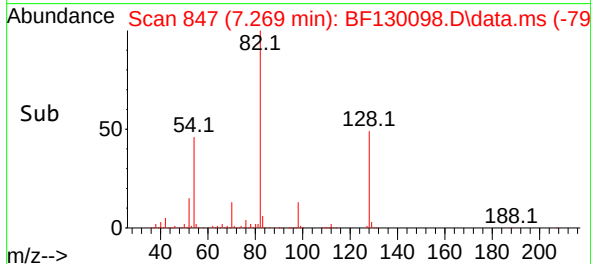
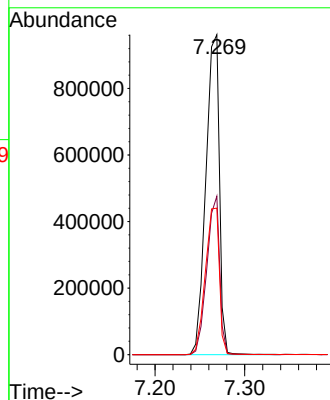
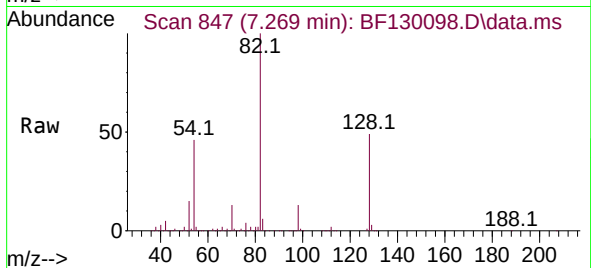
54 45.8 40.0 60.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130098.D

Acq: 02 Sep 2022 02:10

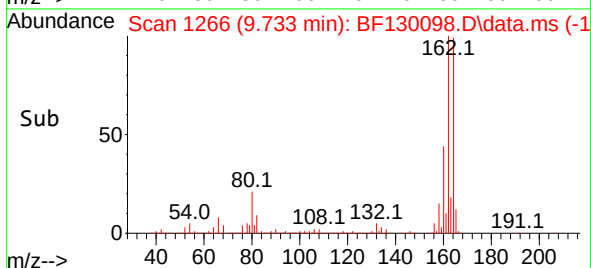
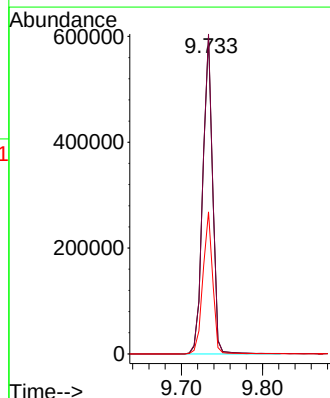
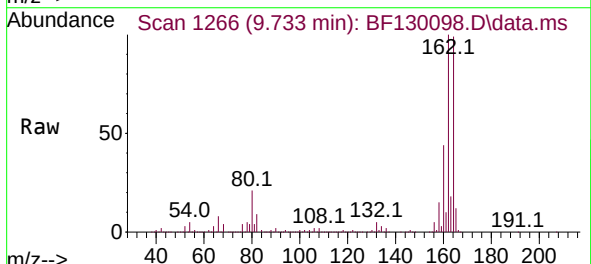
Tgt Ion:164 Resp: 502109

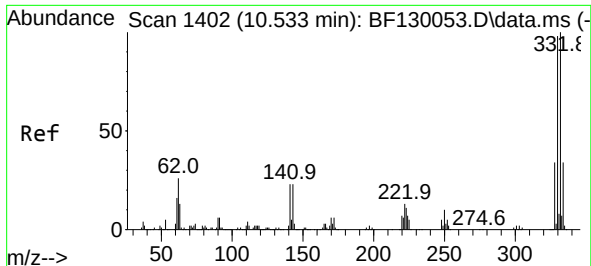
Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 61.208 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.018 min

Lab File: BF130098.D

Acq: 02 Sep 2022 02:10

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion: 330 Resp: 279755

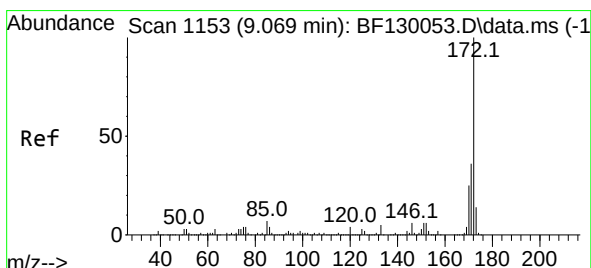
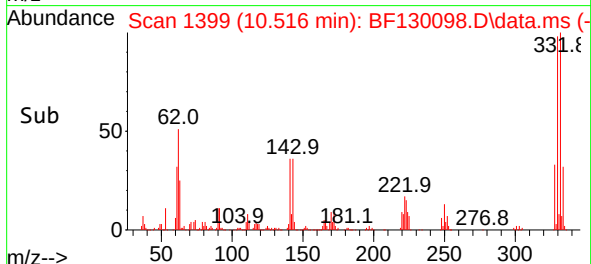
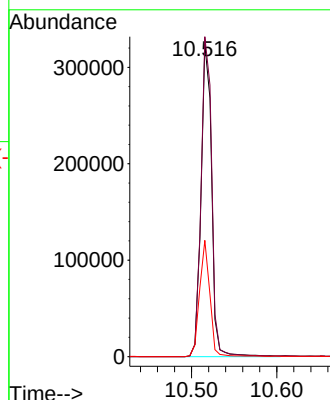
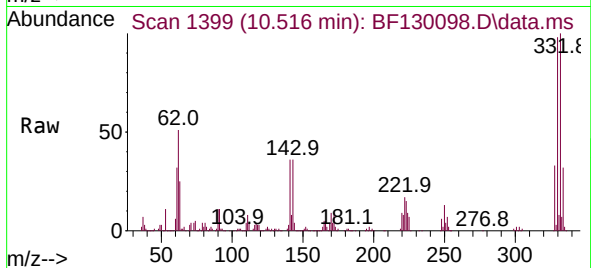
Ion	Ratio	Lower	Upper
330	100		
332	103.6	82.6	124.0
141	36.0	27.6	41.4

Manual Integrations

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Supervised By : Jagrut Upadhyay 09/02/2022



#45

2-Fluorobiphenyl

Concen: 58.192 ng

RT: 9.063 min Scan# 1152

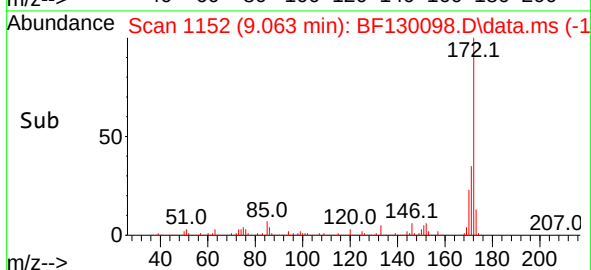
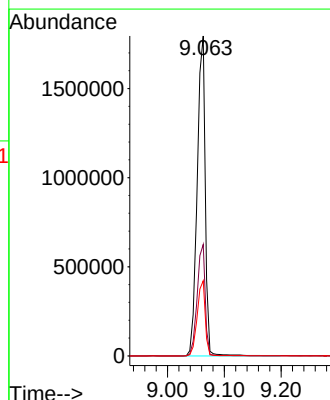
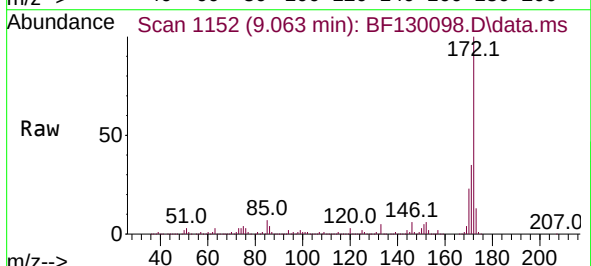
Delta R.T. -0.006 min

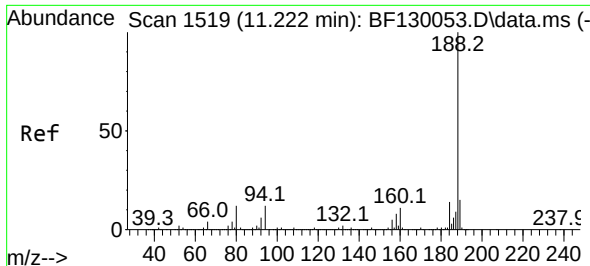
Lab File: BF130098.D

Acq: 02 Sep 2022 02:10

Tgt Ion: 172 Resp: 1762338

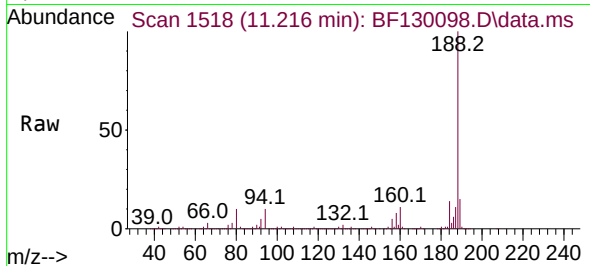
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	23.5	19.1	28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

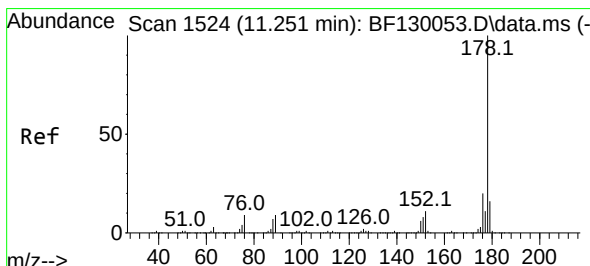
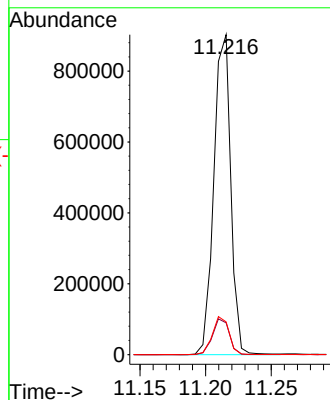
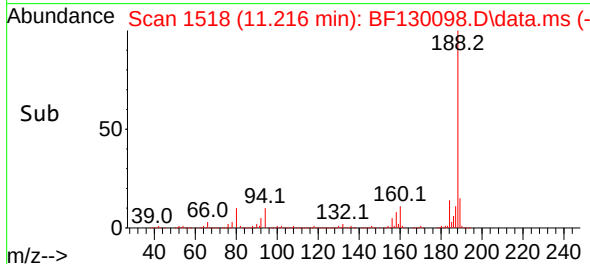
Instrument :
BNA_F
ClientSampleId :
WC-2



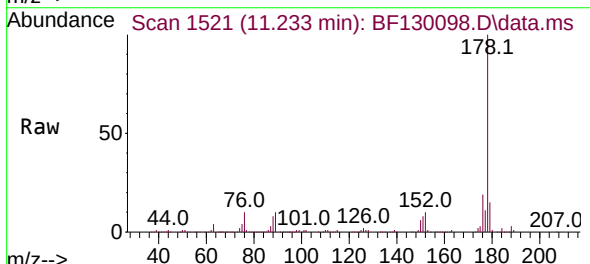
Tgt Ion:188 Resp: 809003
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.2 7.9 11.9

Manual Integrations
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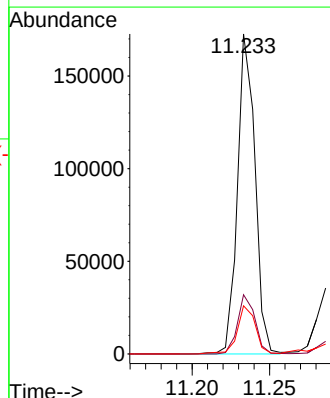
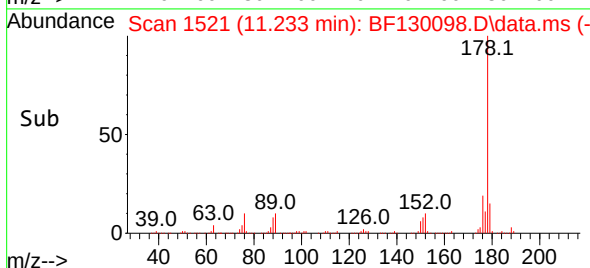
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

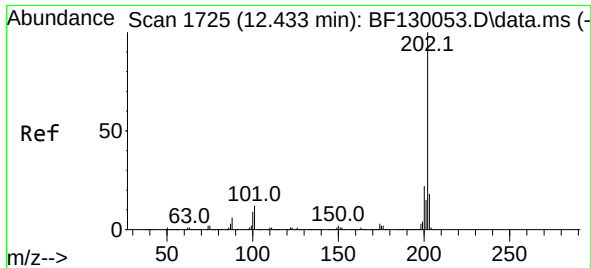


#71
Phenanthrene
Concen: 3.105 ng
RT: 11.233 min Scan# 1521
Delta R.T. -0.018 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10



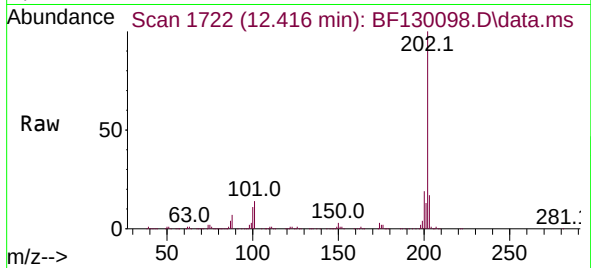
Tgt Ion:178 Resp: 136230
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.0 12.5 18.7





#75
Fluoranthene
Concen: 3.975 ng
RT: 12.416 min Scan# 1725
Delta R.T. -0.018 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

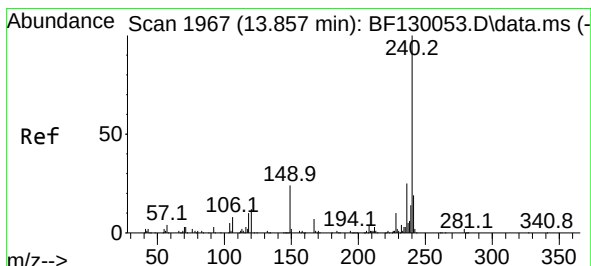
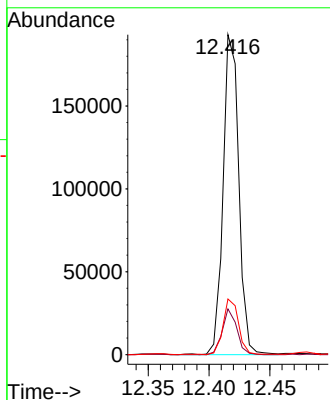
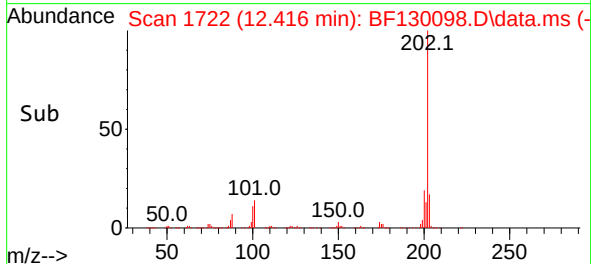
Instrument :
BNA_F
ClientSampleId :
WC-2



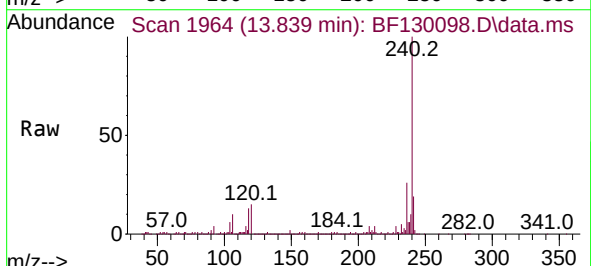
Tgt Ion:202 Resp: 172937
Ion Ratio Lower Upper
202 100
101 14.3 0.0 30.7
203 17.4 0.0 37.5

Manual Integrations
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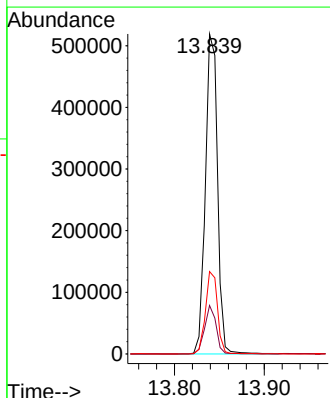
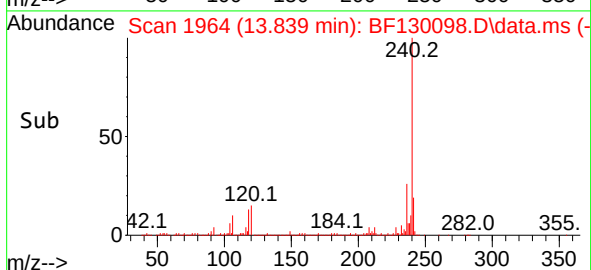
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

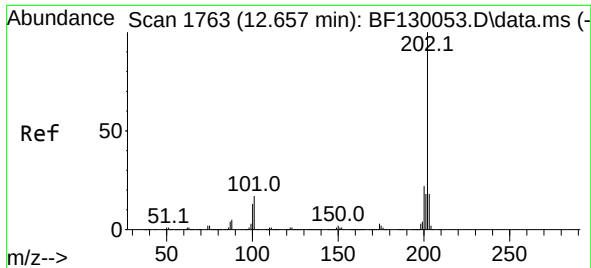


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10



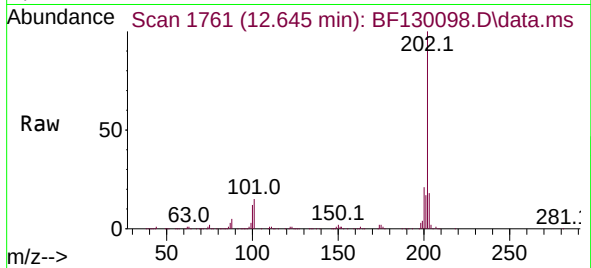
Tgt Ion:240 Resp: 488068
Ion Ratio Lower Upper
240 100
120 15.1 9.2 13.8#
236 25.7 20.7 31.1





#78
Pyrene
Concen: 3.258 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

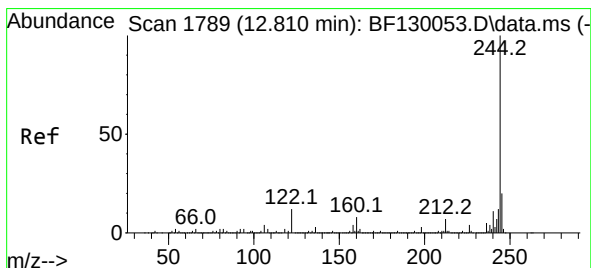
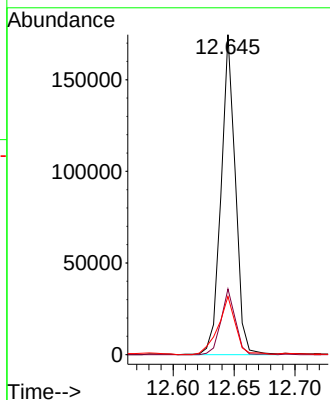
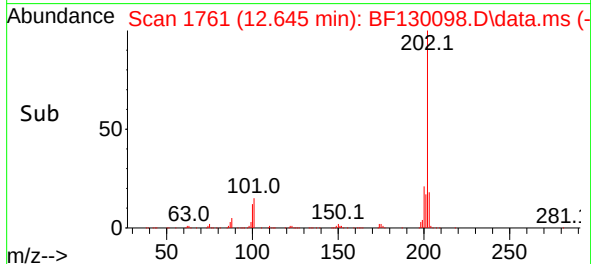
Instrument :
BNA_F
ClientSampleId :
WC-2



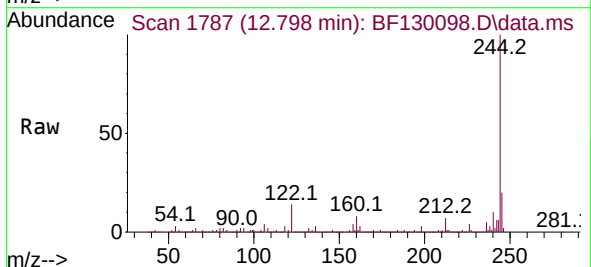
Tgt Ion:202 Resp: 142643
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 18.2 14.1 21.1

Manual Integrations
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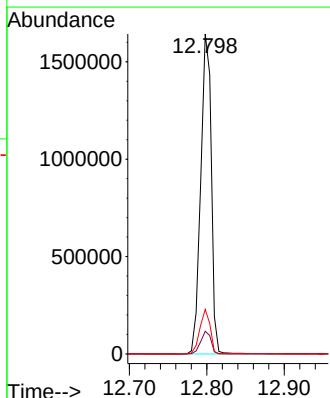
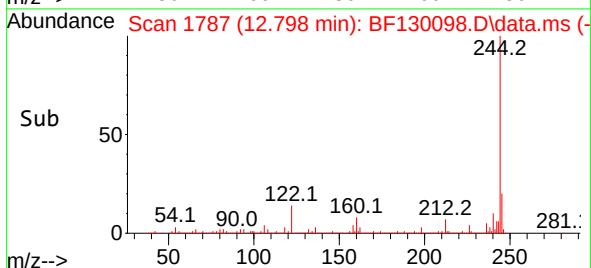
Reviewed By :Christian Giraldo 09/02/2022
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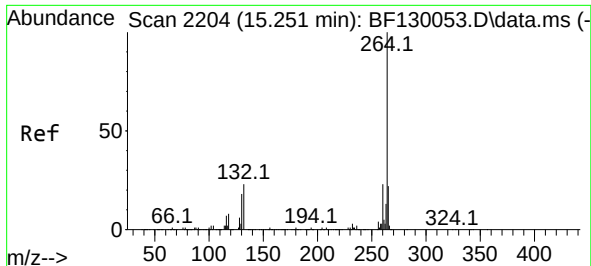


#79
Terphenyl-d14
Concen: 55.304 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10



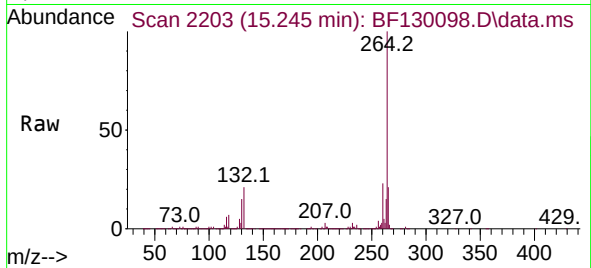
Tgt Ion:244 Resp: 1556538
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 13.9 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10

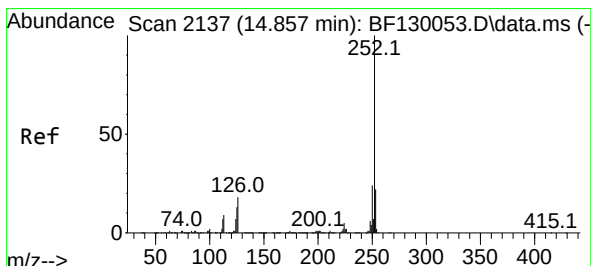
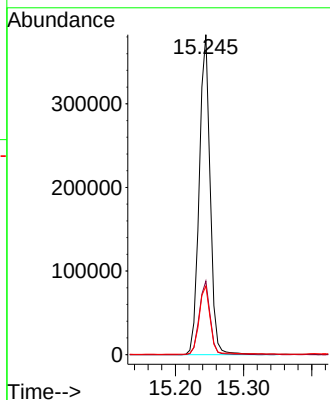
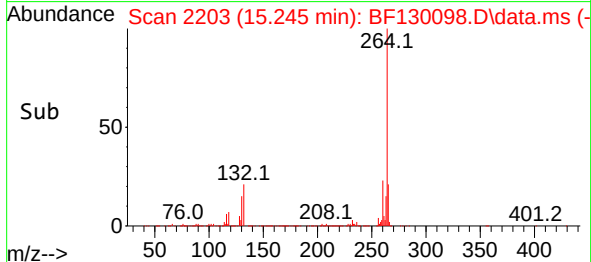
Instrument :
BNA_F
ClientSampleId :
WC-2



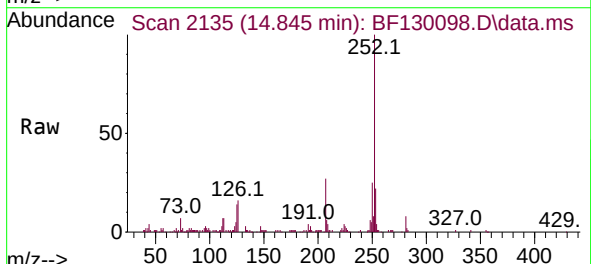
Tgt Ion:264 Resp: 425356
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.4 16.7 25.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#88
Benzo(b)fluoranthene
Concen: 2.114 ng m
RT: 14.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF130098.D
Acq: 02 Sep 2022 02:10



Tgt Ion:252 Resp: 59955
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.6 8.3 12.5#

