

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129324.D
 Acq On : 22 Jul 2022 19:48
 Operator : CG\JU
 Sample : N3814-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4(10-15)

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 01:24:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	128970	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	479409	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	210290	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	303131	20.000	ng	0.00
76) Chrysene-d12	14.068	240	265235	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	324113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	574066	72.600	ng	0.00
7) Phenol-d6	6.516	99	470411	46.668	ng	-0.01
23) Nitrobenzene-d5	7.451	82	309403	34.721	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	90312	44.514	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	524116	38.341	ng	0.00
79) Terphenyl-d14	13.004	244	441368	30.992	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	46347	2.786	ng	98
75) Fluoranthene	12.633	202	64100	3.780	ng	97
78) Pyrene	12.863	202	53601	2.363	ng	99
88) Benzo(b)fluoranthene	15.115	252	48555m	2.251	ng	

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

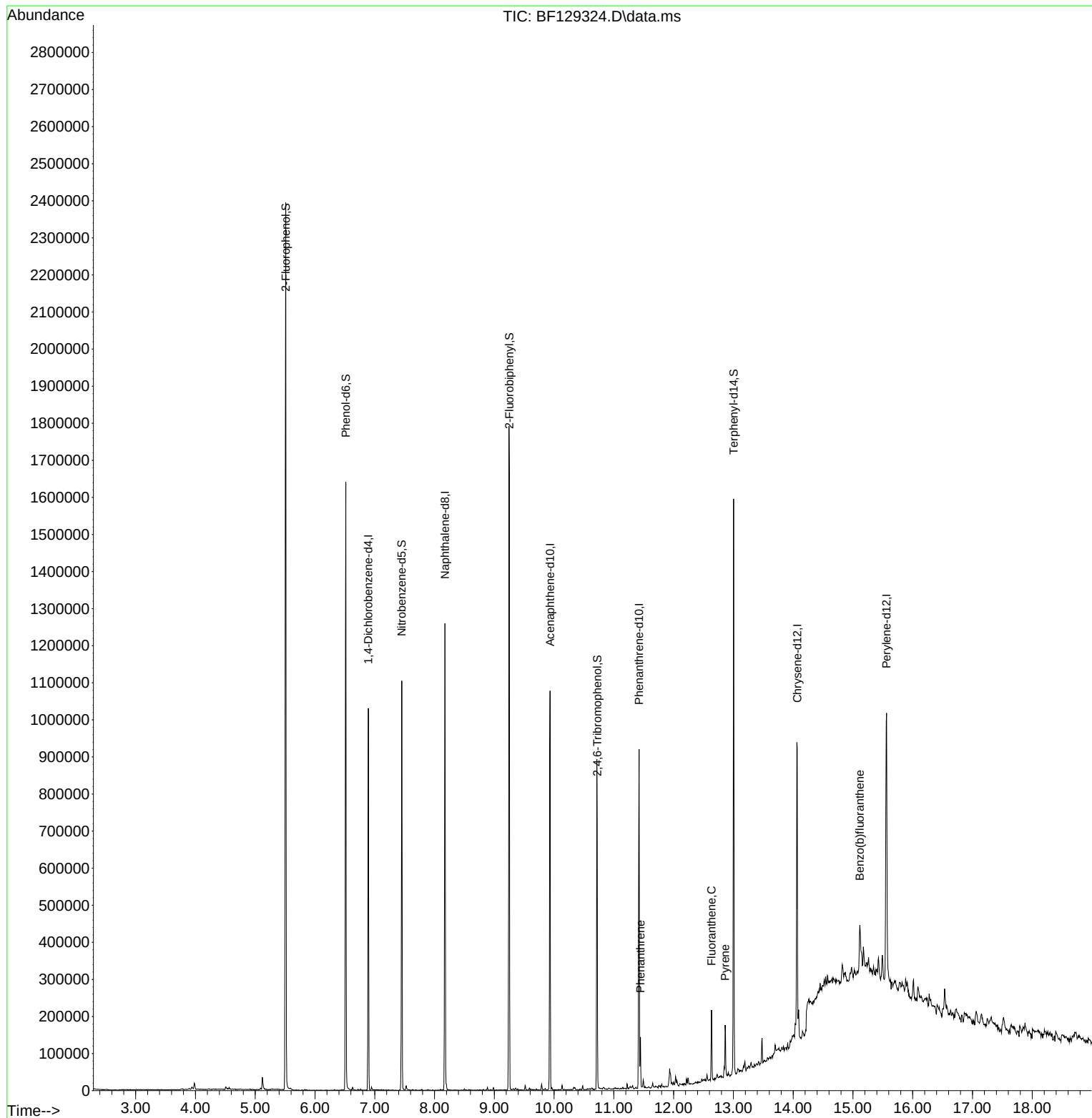
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129324.D
Acq On : 22 Jul 2022 19:48
Operator : CG\JU
Sample : N3814-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

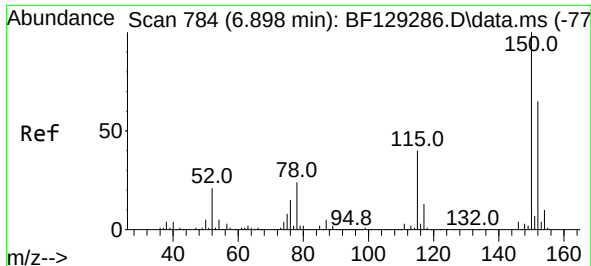
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)

Quant Time: Jul 23 01:24:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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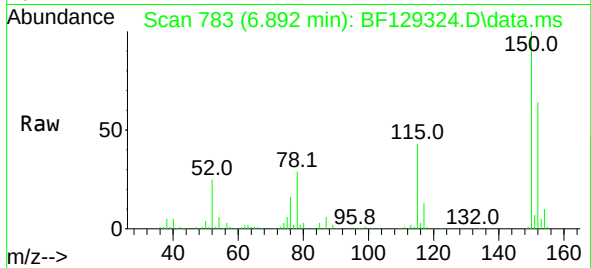
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

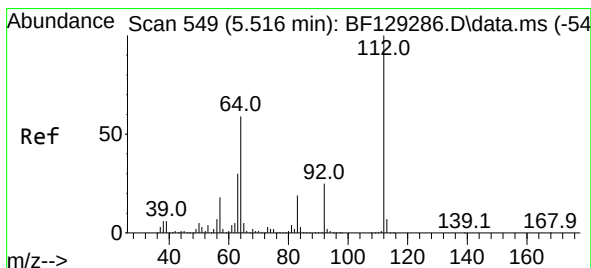
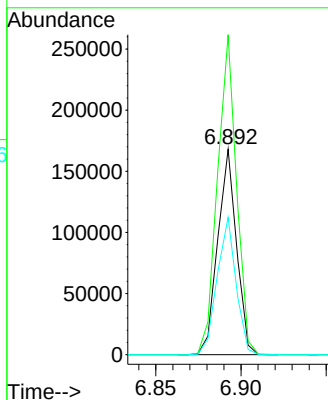
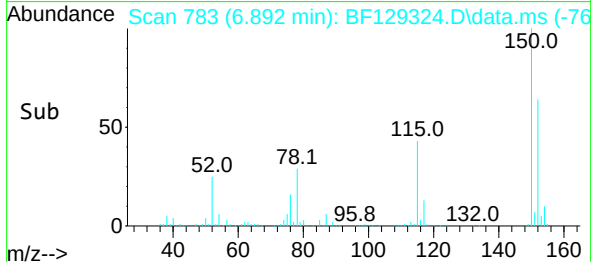
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)



Tgt Ion:152 Resp: 128970
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 66.8 49.9 74.9

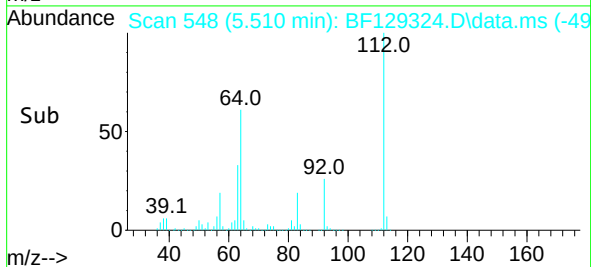
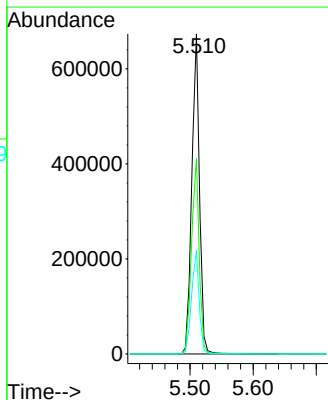
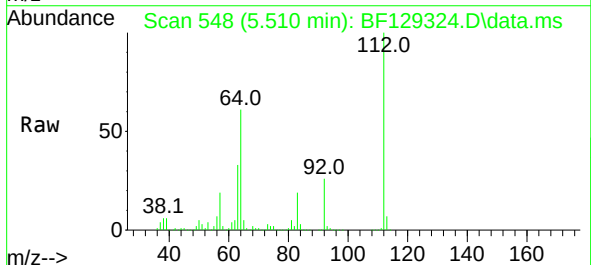
Manual Integrations
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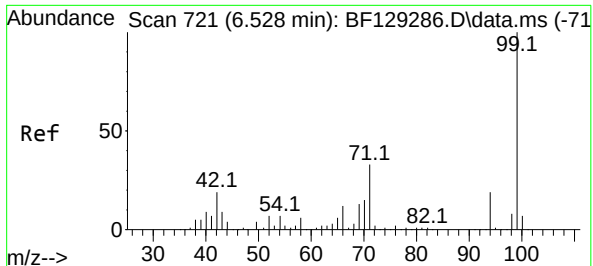
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#5
2-Fluorophenol
Concen: 72.600 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

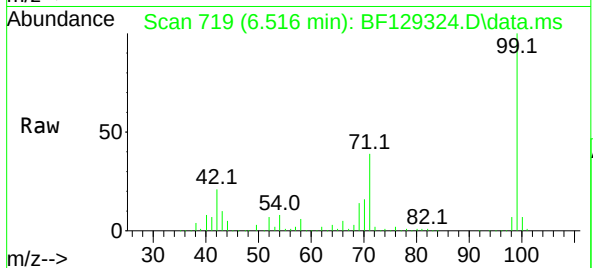
Tgt Ion:112 Resp: 574066
Ion Ratio Lower Upper
112 100
64 61.1 53.3 79.9
63 32.5 28.0 42.0





#7
Phenol-d6
Concen: 46.668 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

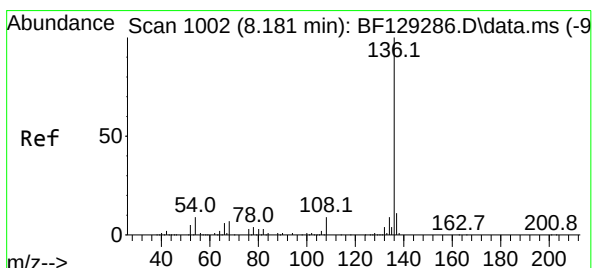
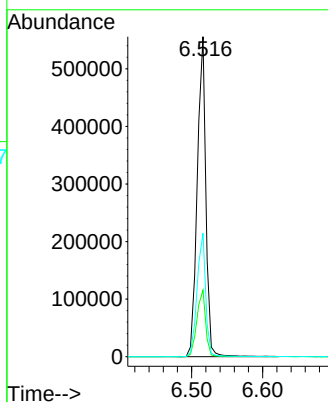
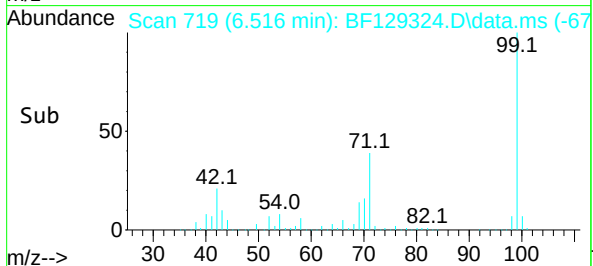
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)



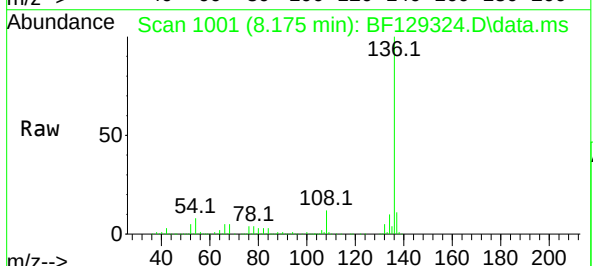
Tgt Ion: 99 Resp: 47041
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 38.6 28.9 43.3

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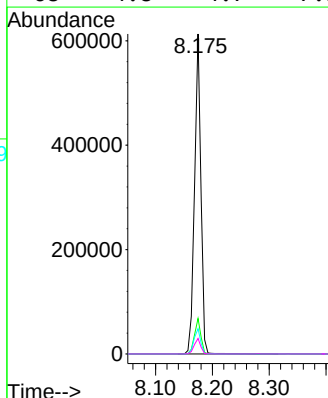
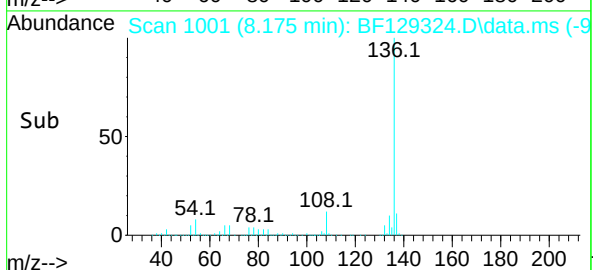
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

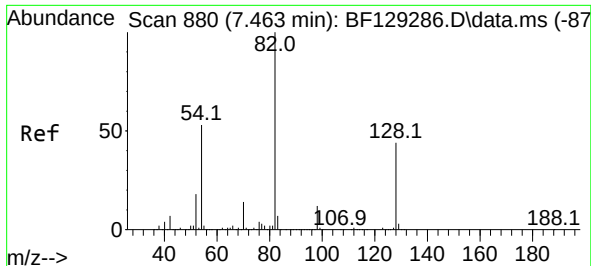


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48



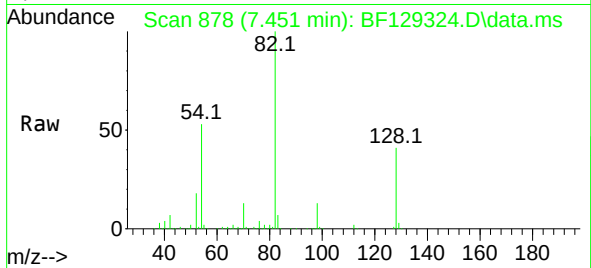
Tgt Ion:136 Resp: 479409
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 7.5 11.3
68 4.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 34.721 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

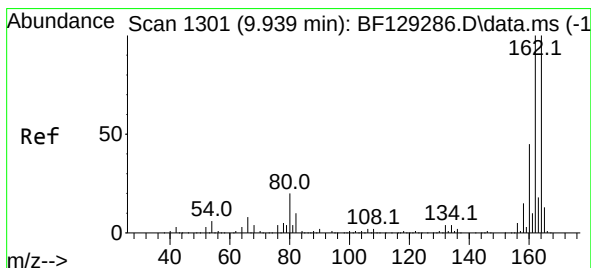
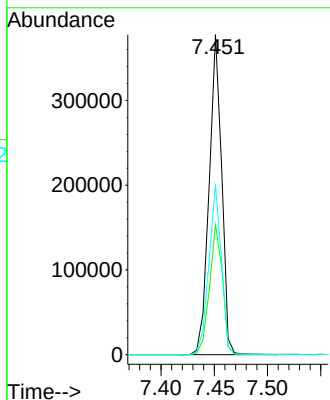
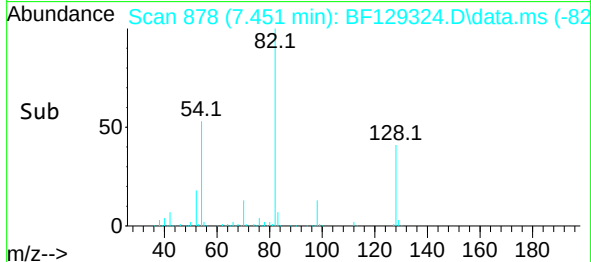
Instrument :
BNA_F
ClientSampleId :
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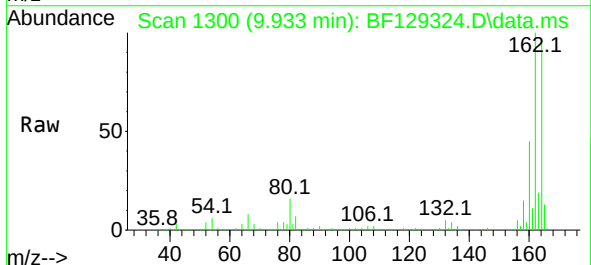
Tgt Ion: 82 Resp: 30940
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 53.3 46.9 70.3

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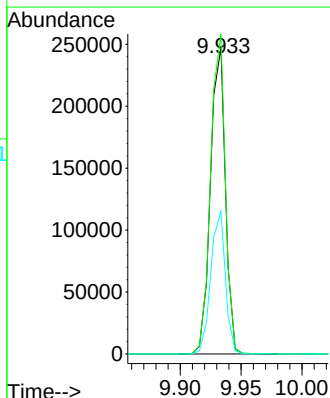
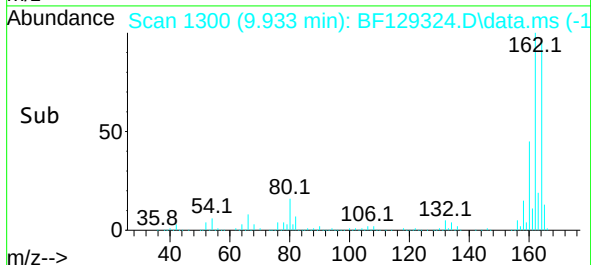
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

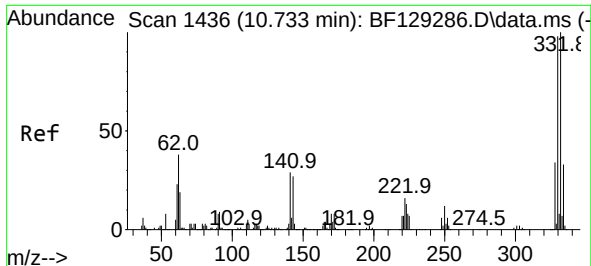


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48



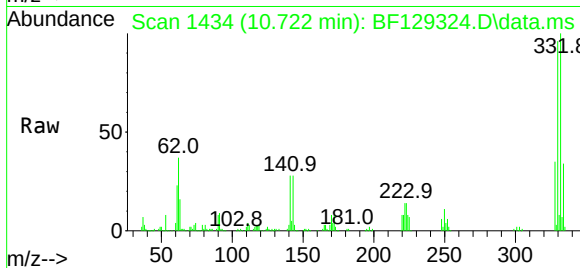
Tgt Ion:164 Resp: 210290
Ion Ratio Lower Upper
164 100
162 104.5 79.5 119.3
160 46.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 44.514 ng
RT: 10.722 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

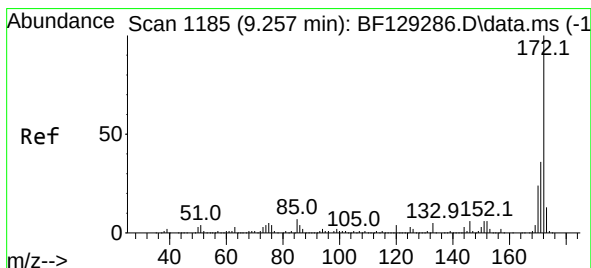
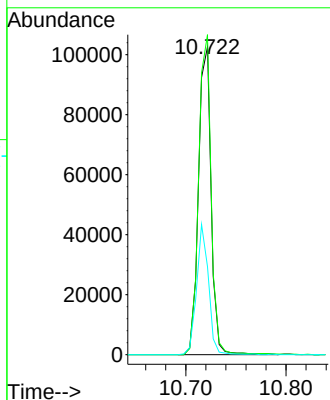
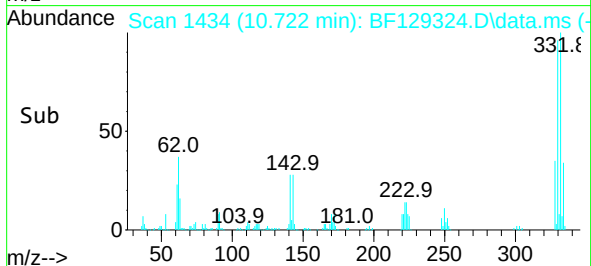
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)



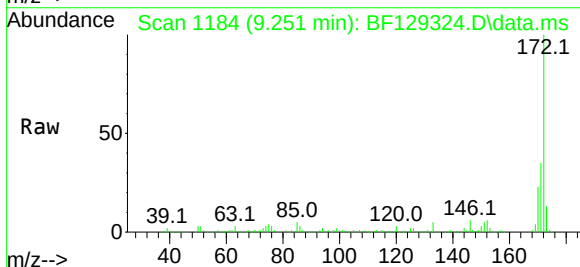
Tgt Ion: 330 Resp: 90312
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 39.7 28.0 42.0

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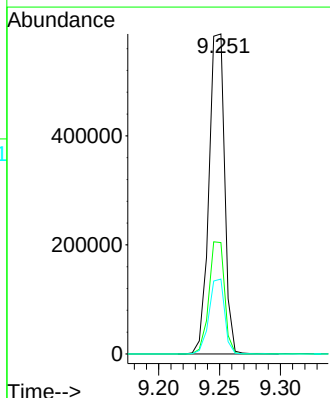
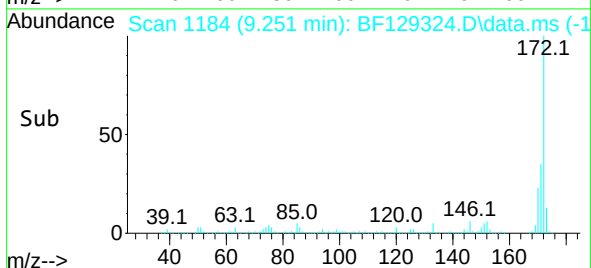
Reviewed By : Christian Giraldo 07/25/2022
Supervised By : Jagrut Upadhyay 07/25/2022

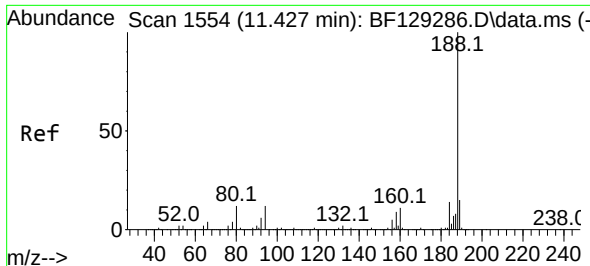


#45
2-Fluorobiphenyl
Concen: 38.341 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48



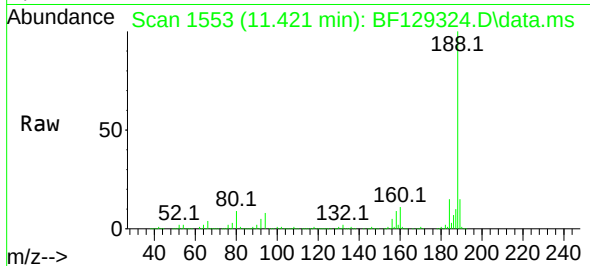
Tgt Ion: 172 Resp: 524116
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

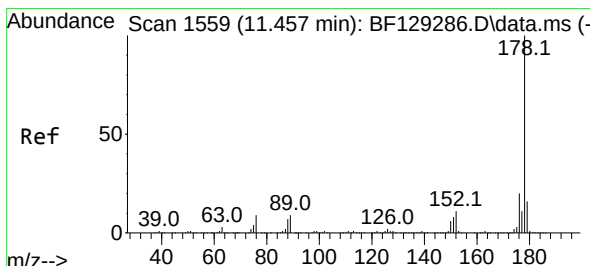
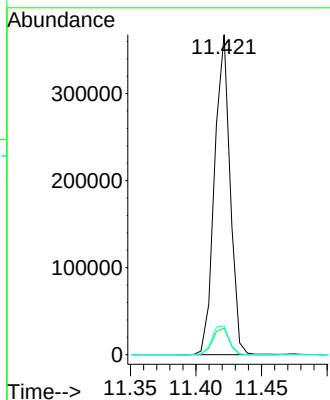
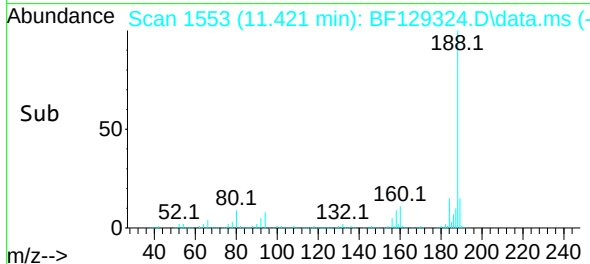
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)



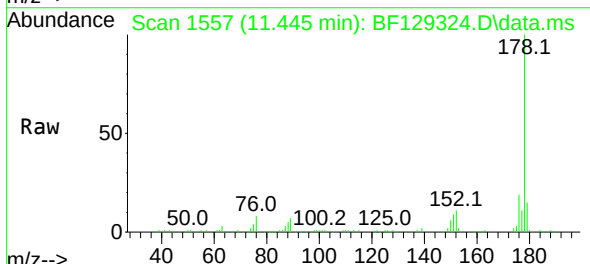
Tgt Ion:188 Resp: 30313
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.6 11.4

Manual Integrations
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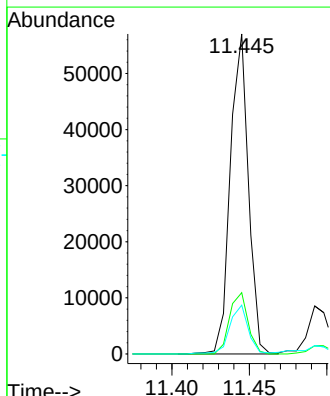
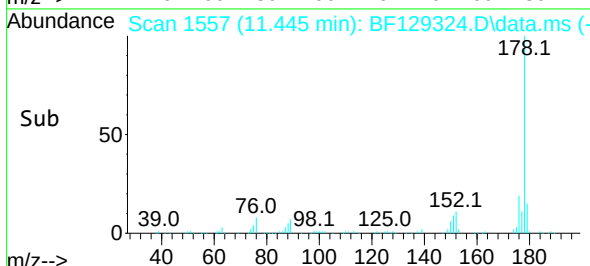
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

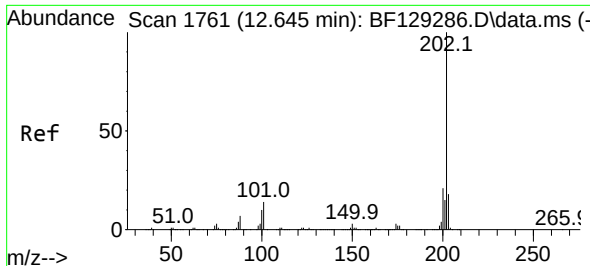


#71
Phenanthrene
Concen: 2.786 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48



Tgt Ion:178 Resp: 46347
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.2 12.6 19.0





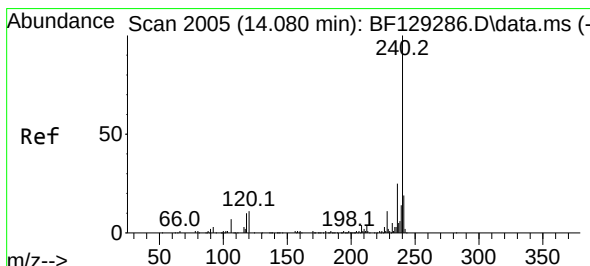
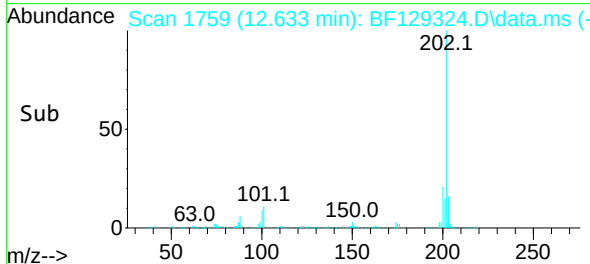
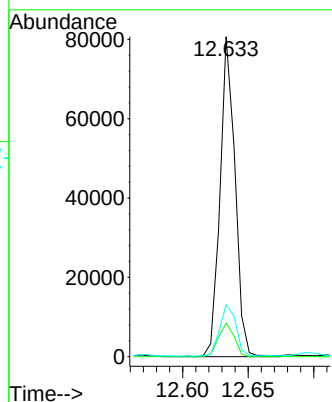
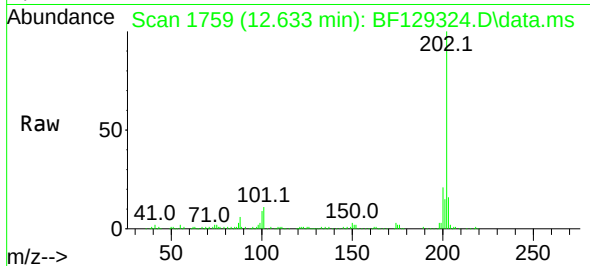
#75
Fluoranthene
Concen: 3.780 ng
RT: 12.633 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)

Tgt Ion:202 Resp: 64100
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 16.2 0.0 38.0

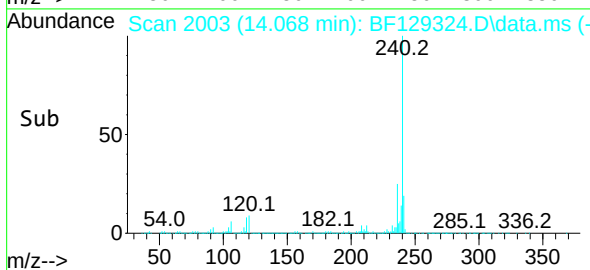
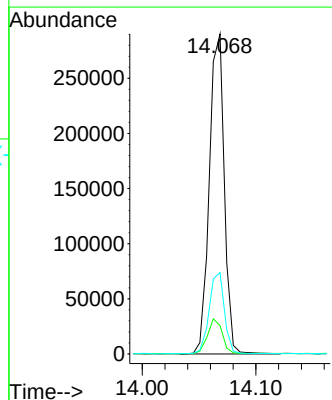
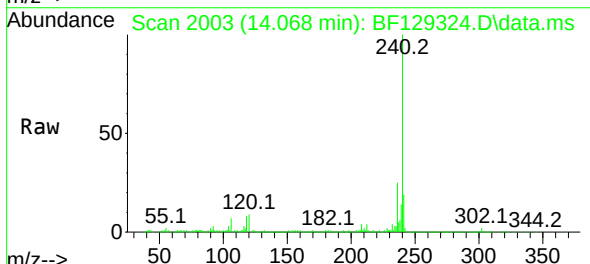
Manual Integrations
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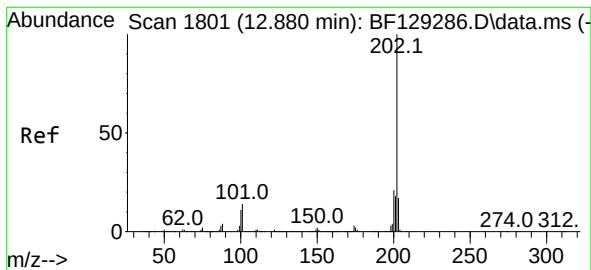
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

Tgt Ion:240 Resp: 265235
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.4 20.8 31.2





#78

Pyrene

Concen: 2.363 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF129324.D

Acq: 22 Jul 2022 19:48

Instrument :

BNA_F

ClientSampleId :

ENV-DE-4(10-15)

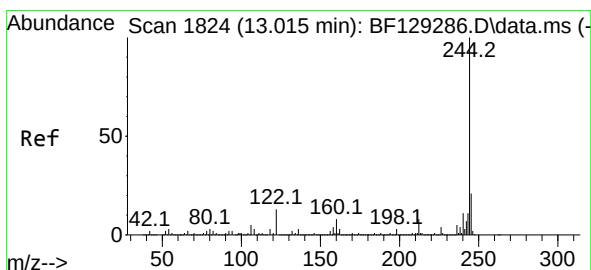
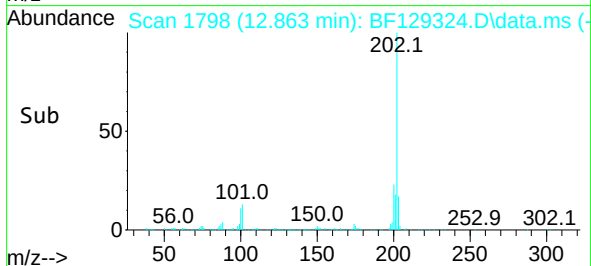
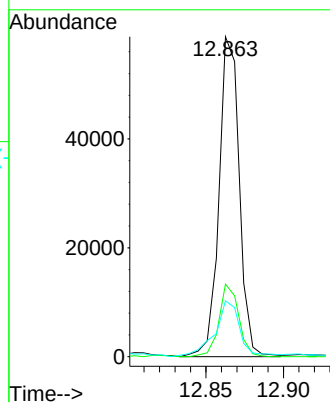
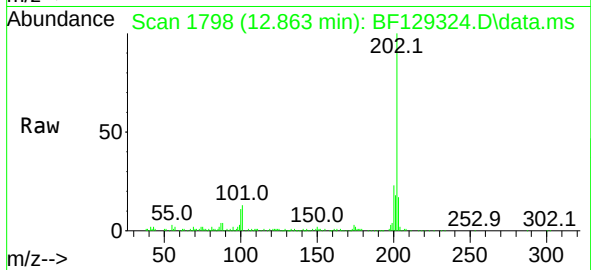
Tgt Ion:	202	Resp:	5360
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.7	26.5
203	17.4	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/25/2022



#79

Terphenyl-d14

Concen: 30.992 ng

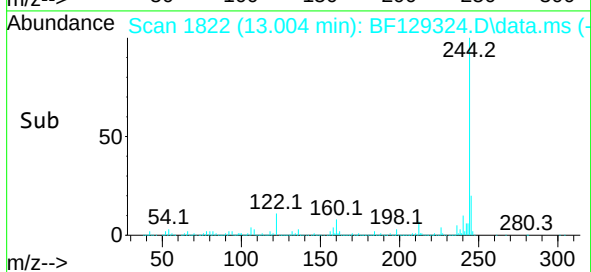
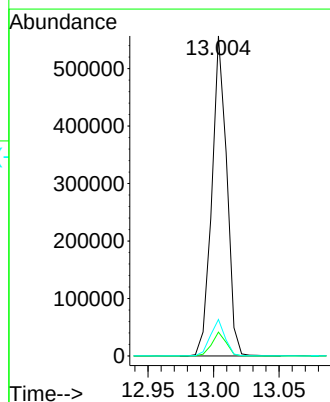
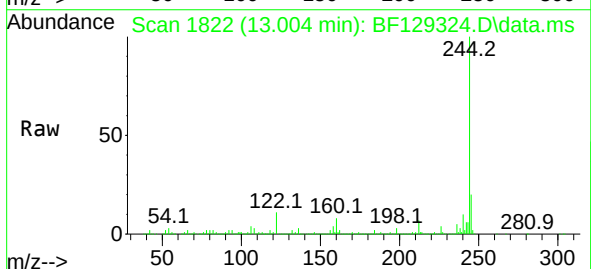
RT: 13.004 min Scan# 1822

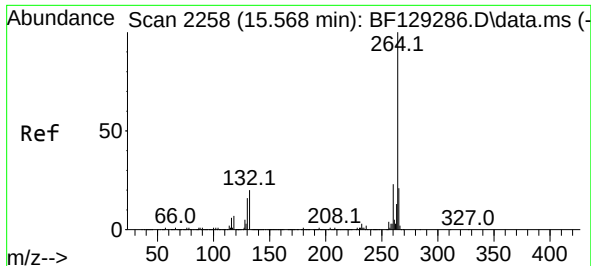
Delta R.T. -0.012 min

Lab File: BF129324.D

Acq: 22 Jul 2022 19:48

Tgt Ion:	244	Resp:	441368
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	11.4	8.8	13.2





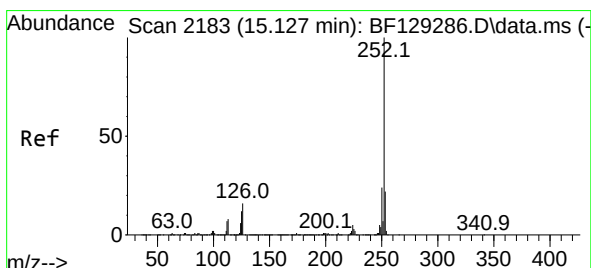
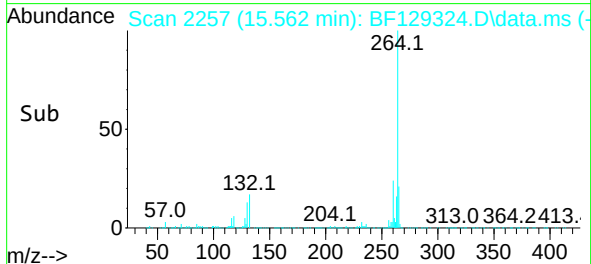
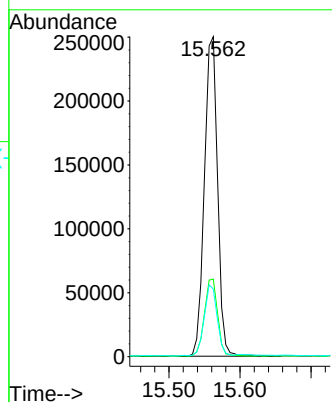
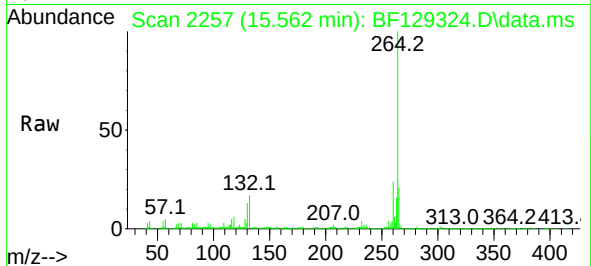
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(10-15)

Tgt Ion:264 Resp: 324111
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.1 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#88
Benzo(b)fluoranthene
Concen: 2.251 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129324.D
Acq: 22 Jul 2022 19:48

Tgt Ion:252 Resp: 48555
Ion Ratio Lower Upper
252 100
253 26.7 17.7 26.5#
125 17.0 8.0 12.0#

