

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130024.D
 Acq On : 26 Aug 2022 17:58
 Operator : CG\JU
 Sample : N4277-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 06:10:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	114930	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	438491	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	201552	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	259315	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	211071	20.000	ng	-0.01
86) Perylene-d12	15.363	264	226208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	765405	110.265	ng	0.00
7) Phenol-d6	6.410	99	927362	106.683	ng	-0.01
23) Nitrobenzene-d5	7.322	82	605210	73.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	170059	84.068	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1036550	78.110	ng	-0.01
79) Terphenyl-d14	12.851	244	701416	55.295	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.486	202	45015	3.037	ng	96
78) Pyrene	12.716	202	45491	2.480	ng	98
83) Chrysene	13.945	228	27681m	2.037	ng	
88) Benzo(b)fluoranthene	14.951	252	41923m	2.707	ng	
90) Benzo(a)pyrene	15.310	252	30255	2.480	ng	96

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

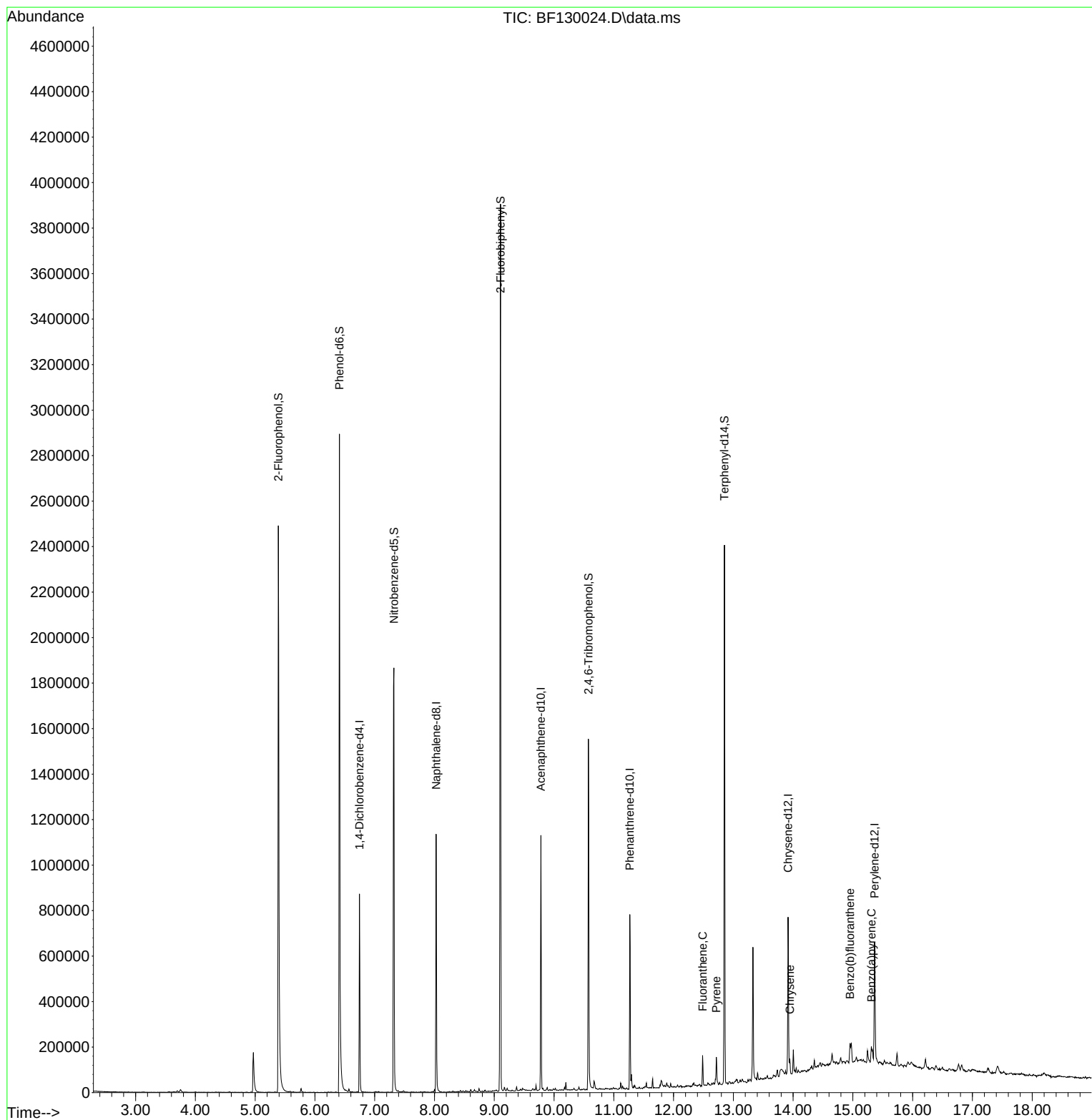
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130024.D
Acq On : 26 Aug 2022 17:58
Operator : CG\JU
Sample : N4277-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

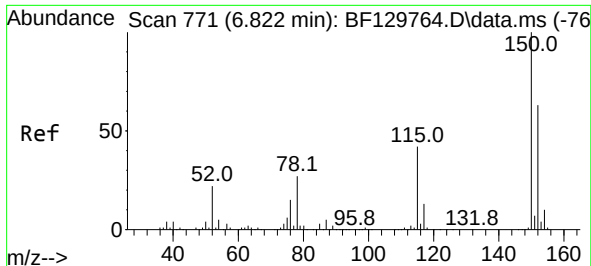
Instrument :
BNA_F
ClientSampleId :
B-2

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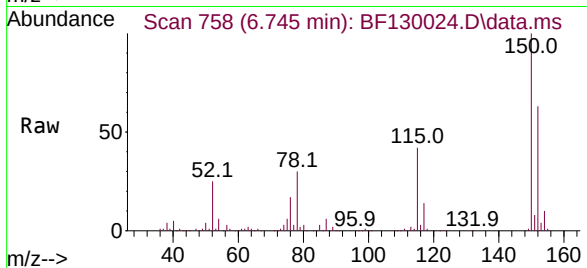
Quant Time: Aug 27 06:10:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

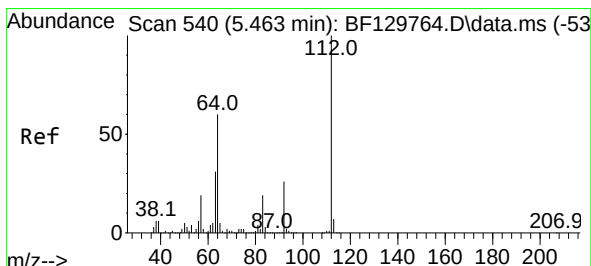
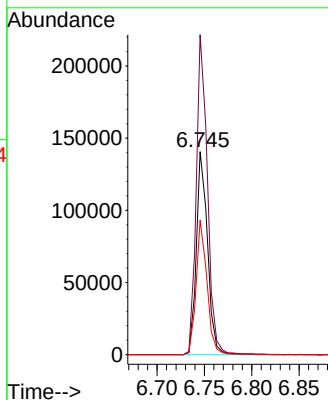
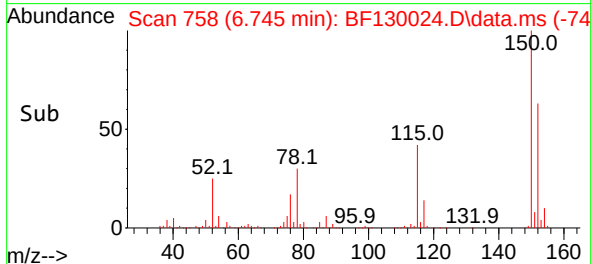
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:152 Resp: 114930
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 66.2 53.4 80.0

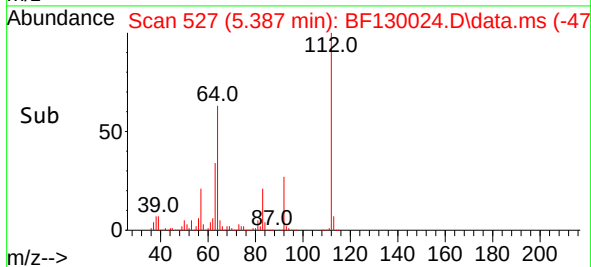
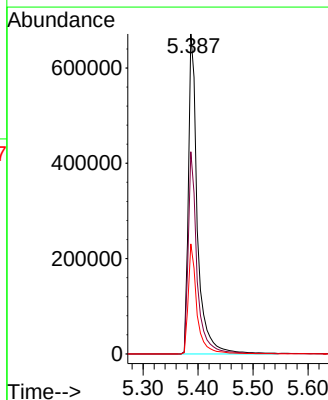
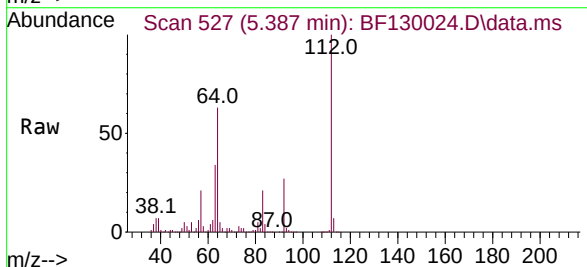
Manual Integrations
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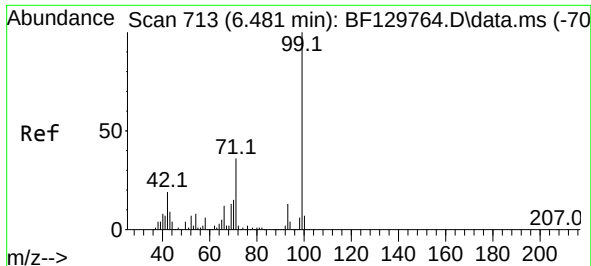
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#5
2-Fluorophenol
Concen: 110.265 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

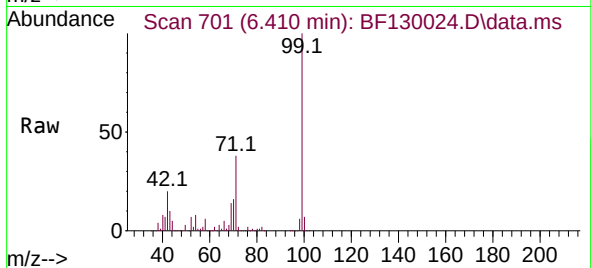
Tgt Ion:112 Resp: 765405
Ion Ratio Lower Upper
112 100
64 63.2 47.6 71.4
63 34.4 24.6 37.0





#7
Phenol-d6
Concen: 106.683 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

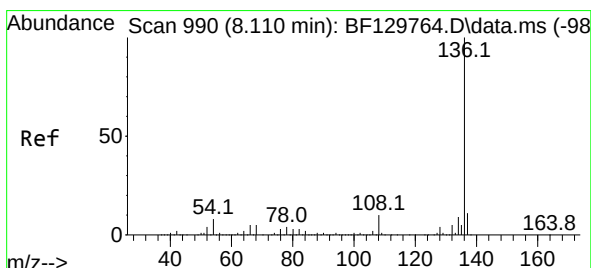
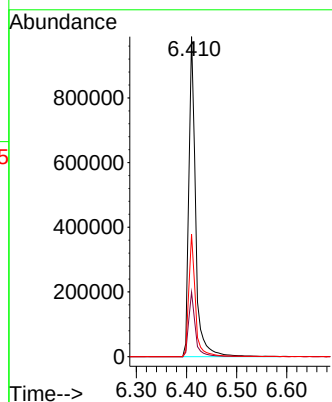
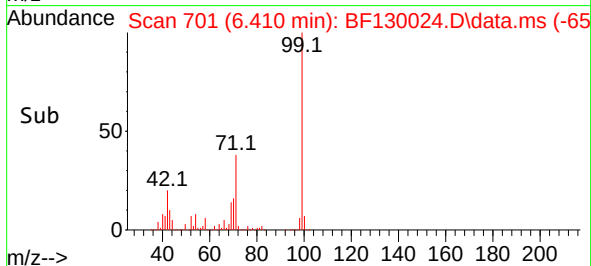
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion: 99 Resp: 927362
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.2 28.8 43.2

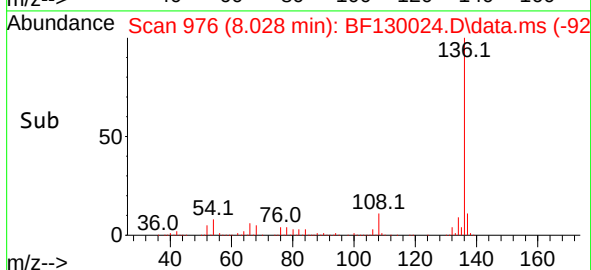
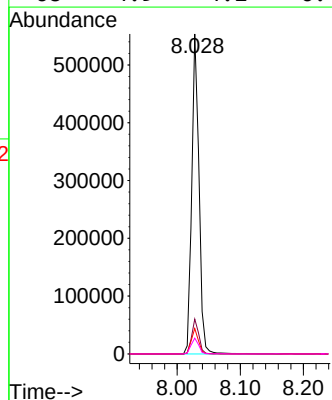
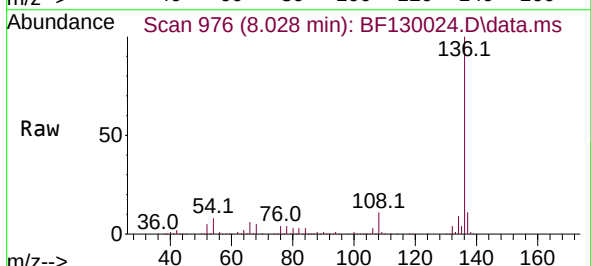
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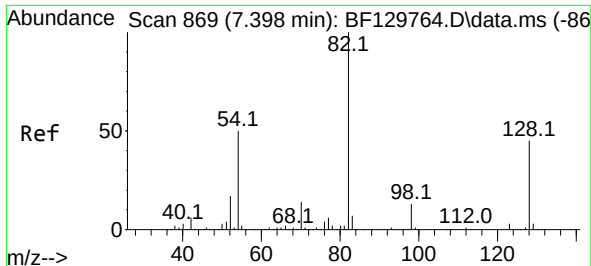
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

Tgt Ion:136 Resp: 438491
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 6.2 9.2
68 4.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 73.885 ng

RT: 7.322 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130024.D

Acq: 26 Aug 2022 17:58

Instrument :

BNA_F

ClientSampleId :

B-2

Tgt Ion: 82 Resp: 605210

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

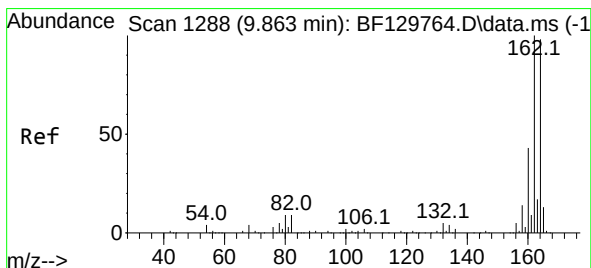
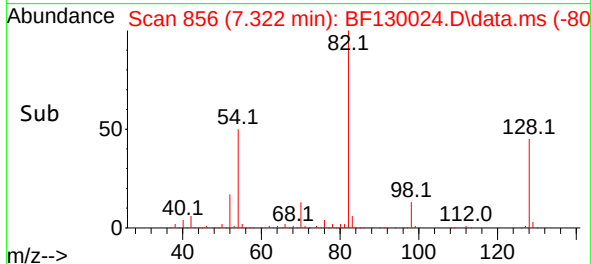
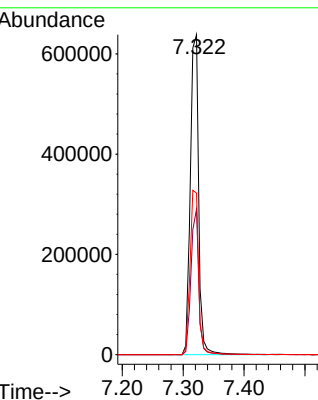
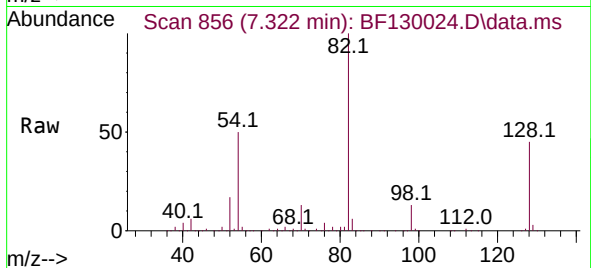
54 50.5 40.0 60.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF130024.D

Acq: 26 Aug 2022 17:58

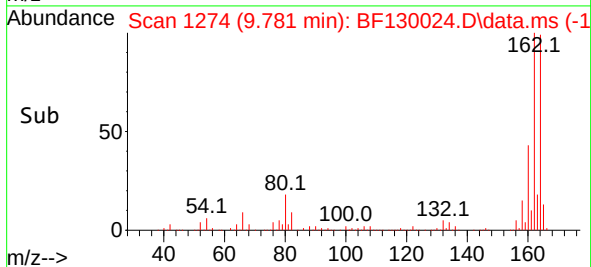
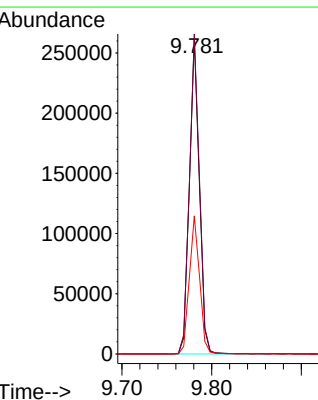
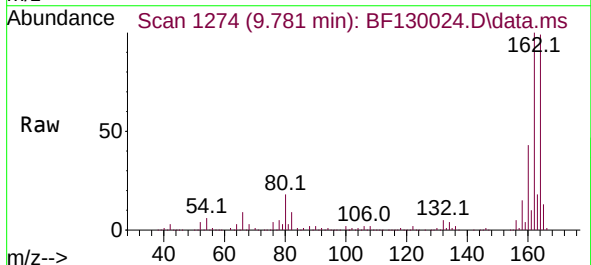
Tgt Ion:164 Resp: 201552

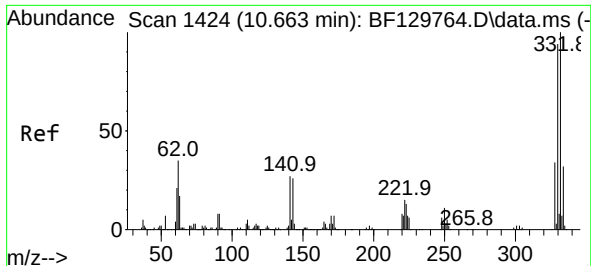
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

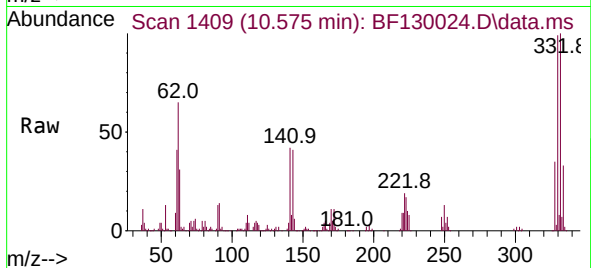
160 43.8 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 84.068 ng
RT: 10.575 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

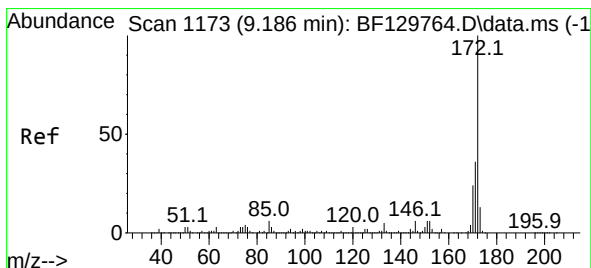
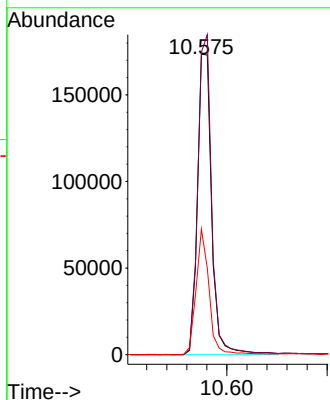
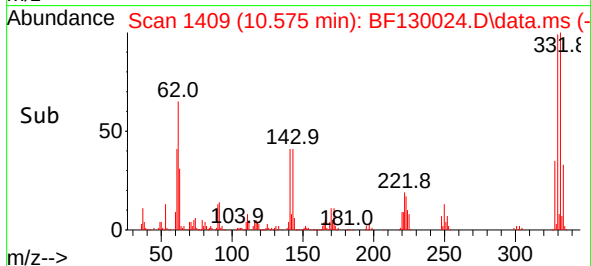
Instrument :
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ClientSampleId :
B-2



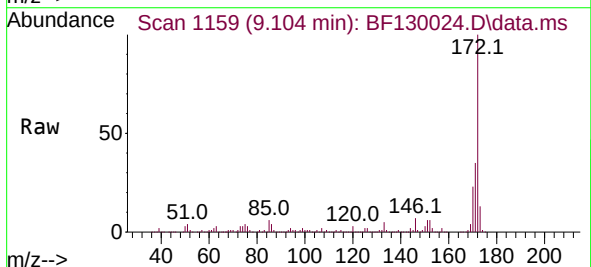
Tgt Ion: 330 Resp: 170059
Ion Ratio Lower Upper
330 100
332 105.4 82.6 124.0
141 38.1 27.6 41.4

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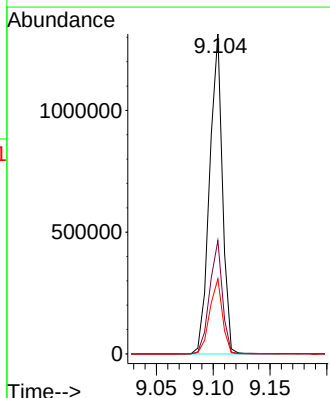
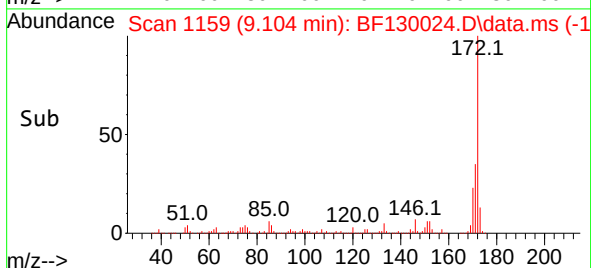
Reviewed By : Christian Giraldo 08/29/2022
Supervised By : Jagrut Upadhyay 08/29/2022

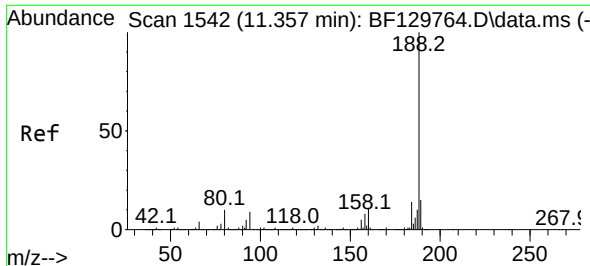


#45
2-Fluorobiphenyl
Concen: 78.110 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58



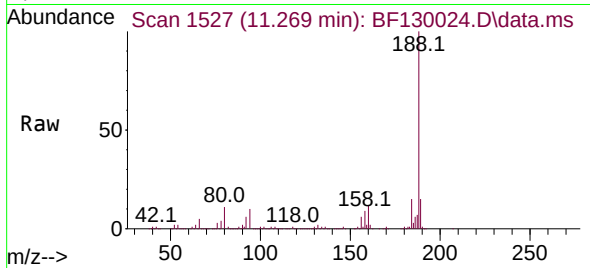
Tgt Ion: 172 Resp: 1036550
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

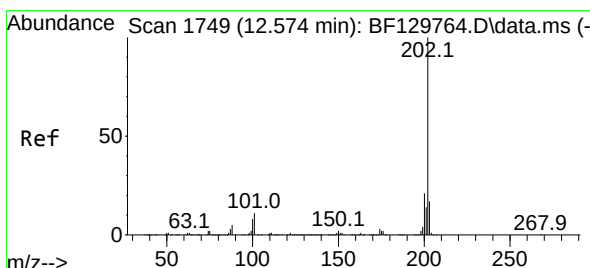
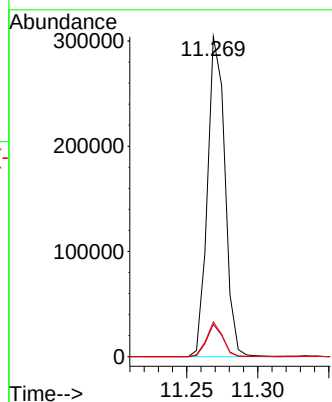
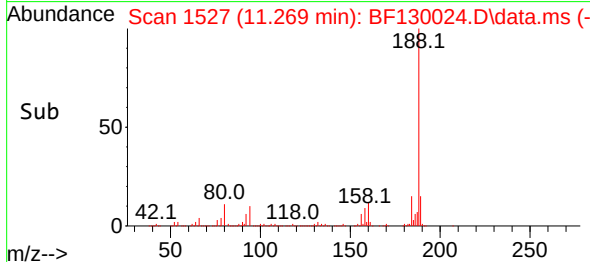
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:188 Resp: 259315
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 7.9 11.9

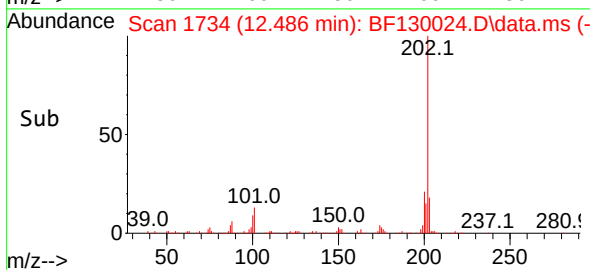
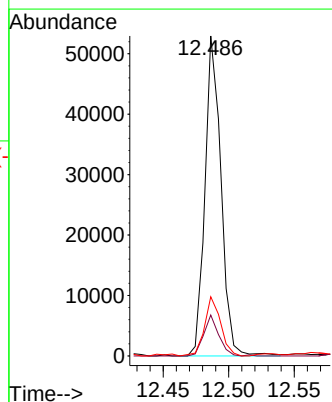
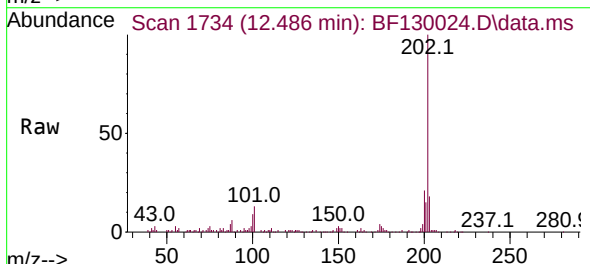
Manual Integrations
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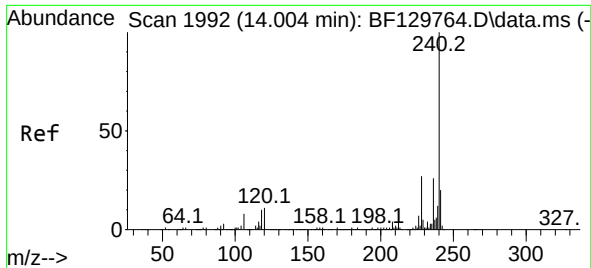
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#75
Fluoranthene
Concen: 3.037 ng
RT: 12.486 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

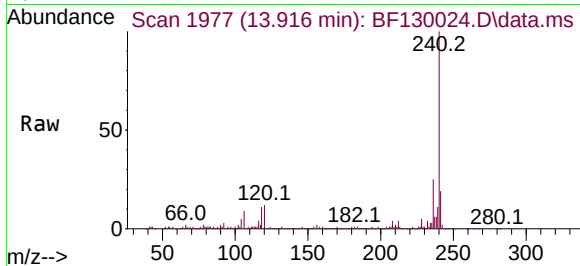
Tgt Ion:202 Resp: 45015
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.7
203 18.5 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

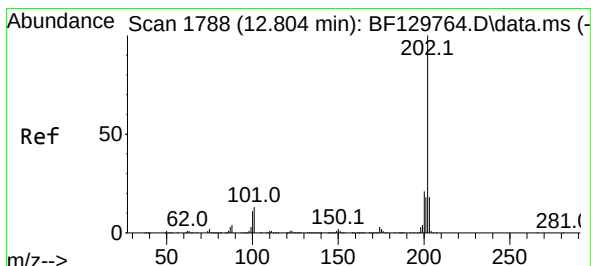
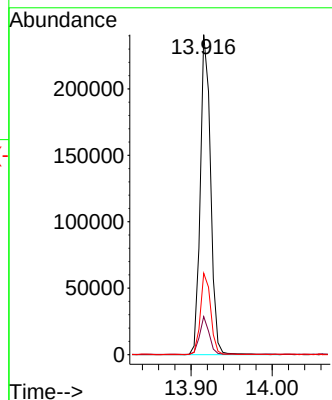
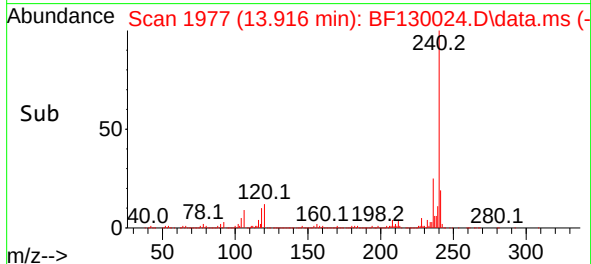
Instrument :
BNA_F
ClientSampleId :
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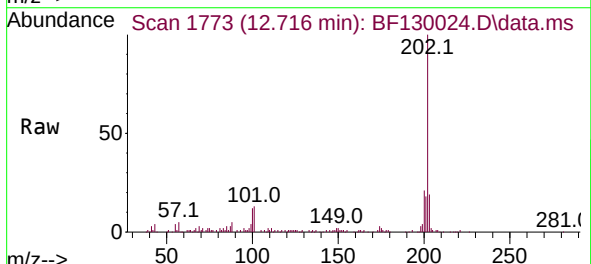
Tgt Ion:240 Resp: 21107
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.4 20.7 31.1

Manual Integrations
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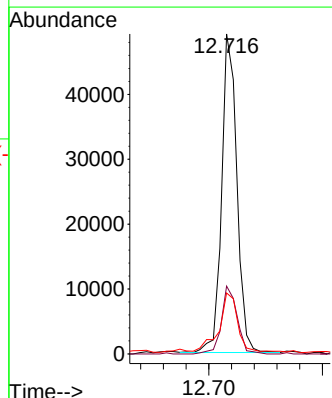
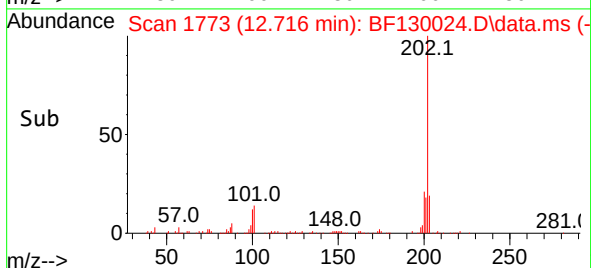
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

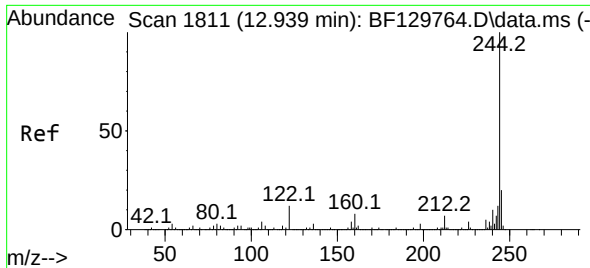


#78
Pyrene
Concen: 2.480 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58



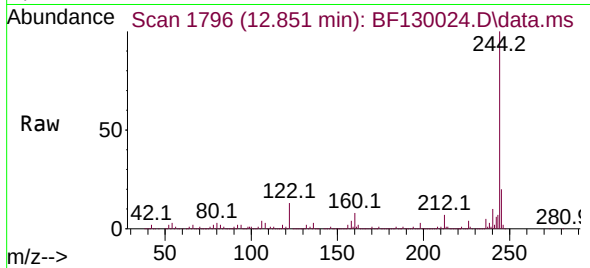
Tgt Ion:202 Resp: 45491
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 19.0 14.1 21.1





#79
Terphenyl-d14
Concen: 55.295 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

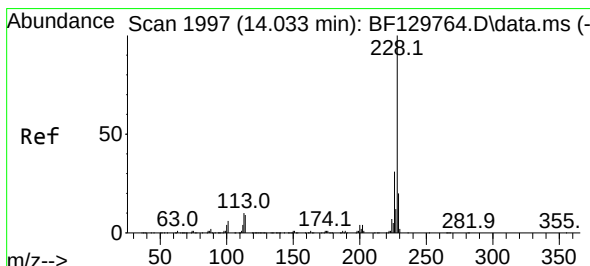
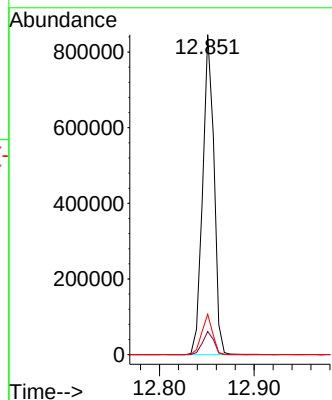
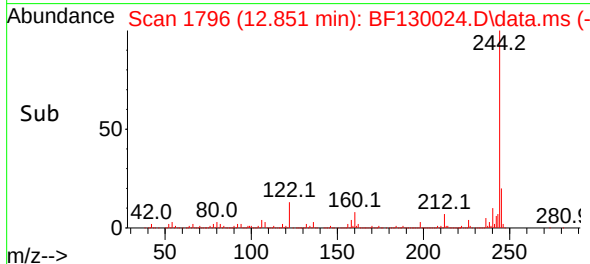
Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:244 Resp: 701416
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.7 9.9 14.9

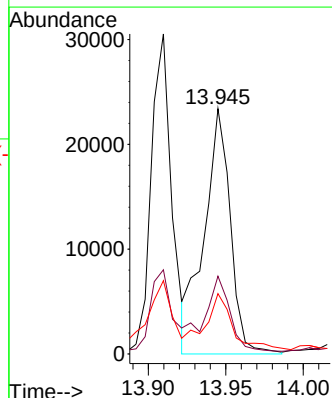
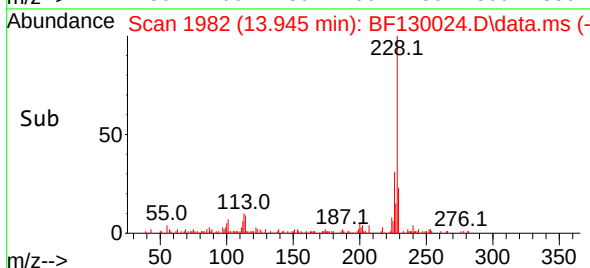
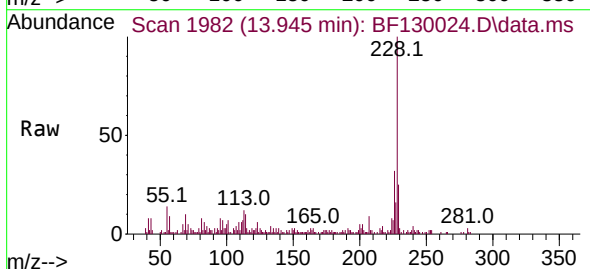
Manual Integrations
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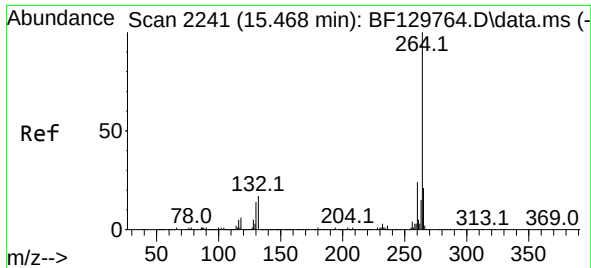
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#83
Chrysene
Concen: 2.037 ng m
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

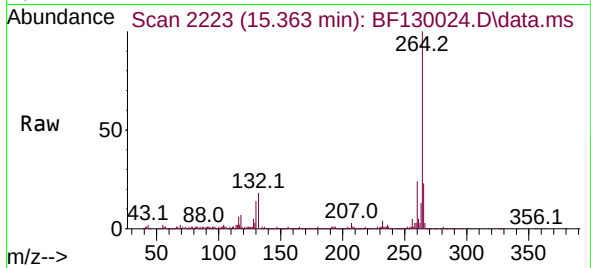
Tgt Ion:228 Resp: 27681
Ion Ratio Lower Upper
228 100
226 31.7 24.4 36.6
229 24.6 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.363 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

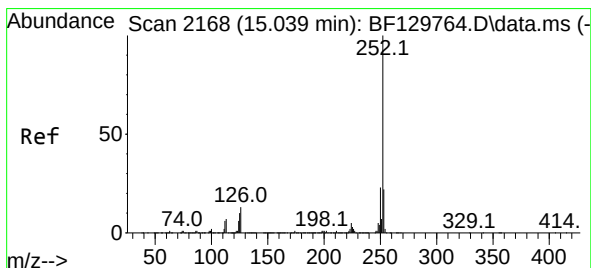
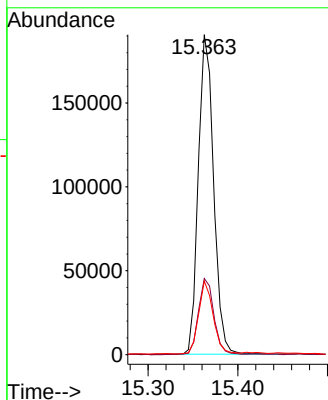
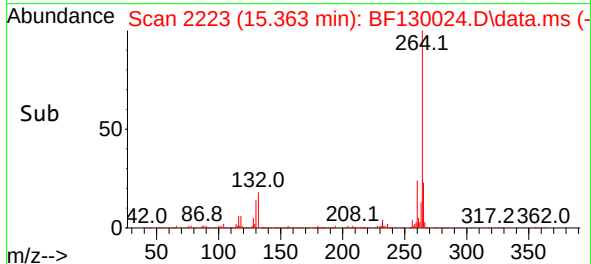
Instrument :
BNA_F
ClientSampleId :
B-2



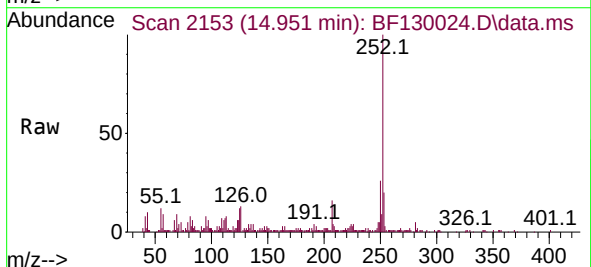
Tgt Ion:264 Resp: 226208
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 23.0 16.7 25.1

Manual Integrations
APPROVED

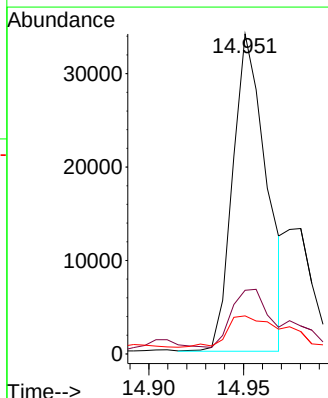
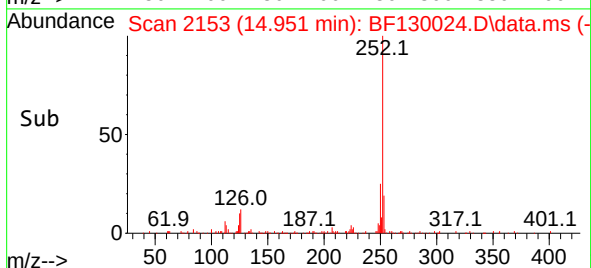
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

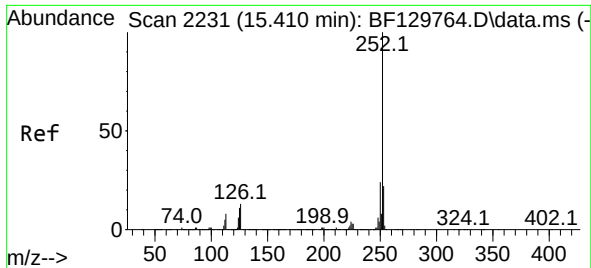


#88
Benzo(b)fluoranthene
Concen: 2.707 ng m
RT: 14.951 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58



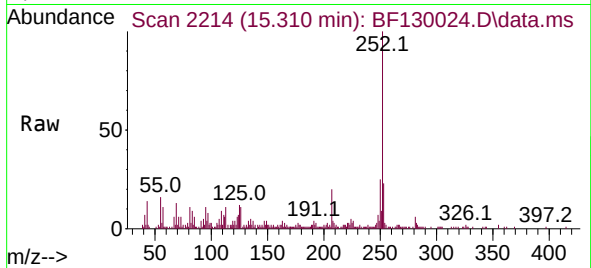
Tgt Ion:252 Resp: 41923
Ion Ratio Lower Upper
252 100
253 19.9 17.5 26.3
125 11.9 8.3 12.5





#90
Benzo(a)pyrene
Concen: 2.480 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130024.D
Acq: 26 Aug 2022 17:58

Instrument :
BNA_F
ClientSampleId :
B-2



Tgt Ion:252 Resp: 30255
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 12.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

