

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130562.D
 Acq On : 06 Oct 2022 21:32
 Operator : CG\JU
 Sample : N5014-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Oct 07 02:12:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	71729	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	237734	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	98485	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	161881	20.000	ng	0.00
76) Chrysene-d12	13.757	240	187983	20.000	ng	0.00
86) Perylene-d12	15.139	264	171091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	391783	94.736	ng	0.00
7) Phenol-d6	6.257	99	449167	86.804	ng	-0.01
23) Nitrobenzene-d5	7.181	82	285795	61.417	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	91596	97.063	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	465218	68.787	ng	0.00
79) Terphenyl-d14	12.710	244	543733	47.913	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.333	202	33867	3.856	ng	97
78) Pyrene	12.563	202	34910	2.123	ng	99
83) Chrysene	13.780	228	25326	2.133	ng	95
88) Benzo(b)fluoranthene	14.757	252	48133m	4.310	ng	
90) Benzo(a)pyrene	15.086	252	26854	3.035	ng	97

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

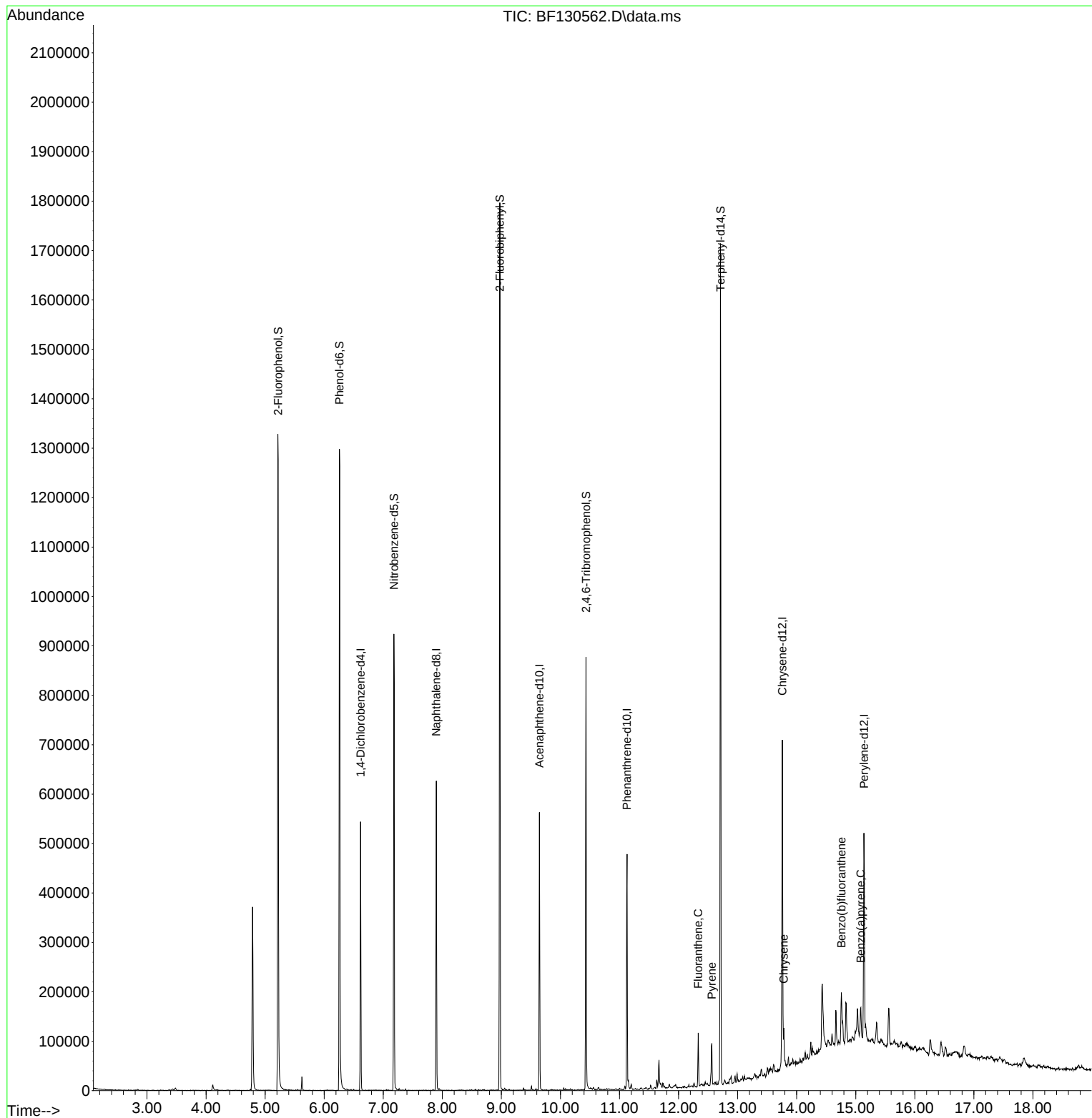
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130562.D
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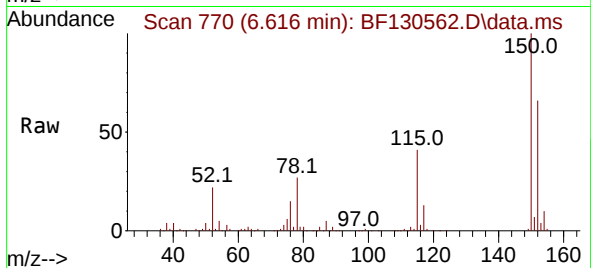
Reviewed By : Christian Giraldo 10/07/2022
Supervised By : Jagrut Upadhyay 10/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

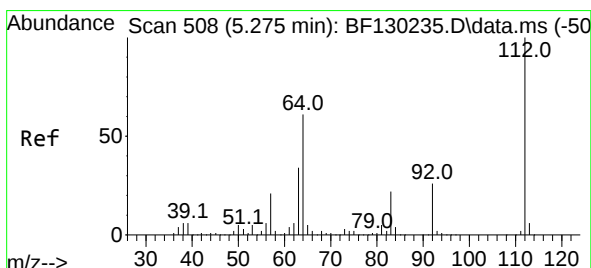
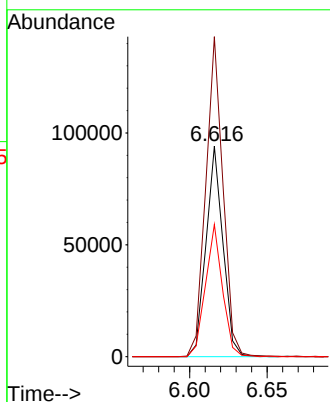
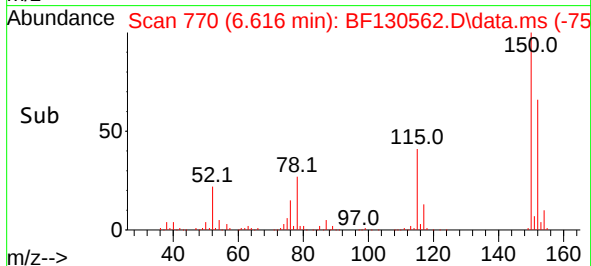
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BNA_F
ClientSampleId :
SB-07-0-2.0



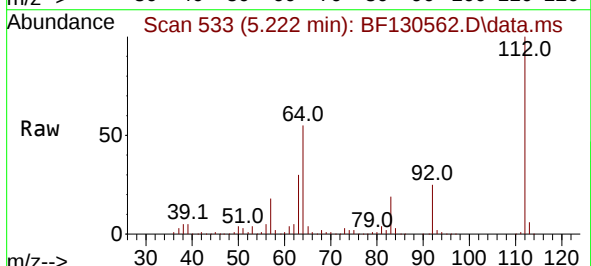
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Ion Ratio Lower Upper
152 100
150 152.0 122.8 184.2
115 62.8 53.8 80.8

Manual Integrations
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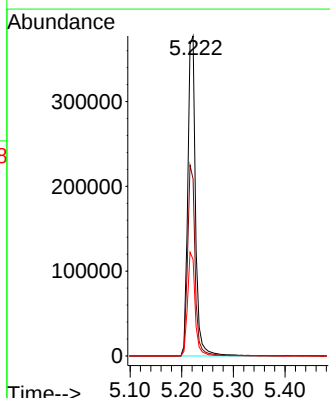
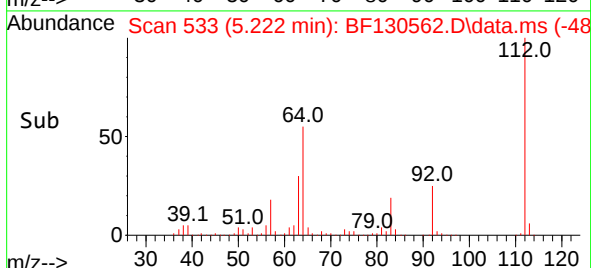
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#5
2-Fluorophenol
Concen: 94.736 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32



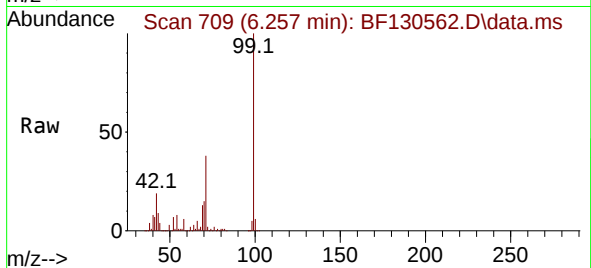
Tgt Ion:112 Resp: 391783
Ion Ratio Lower Upper
112 100
64 55.3 51.4 77.0
63 30.2 28.8 43.2





#7
Phenol-d6
Concen: 86.804 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

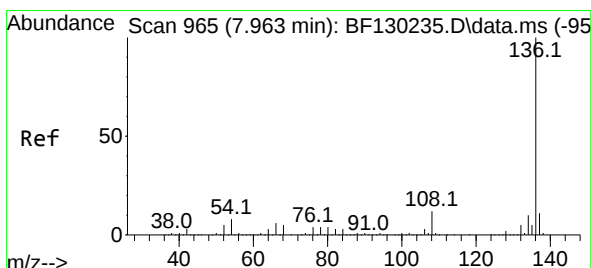
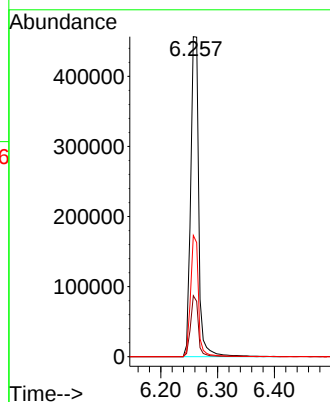
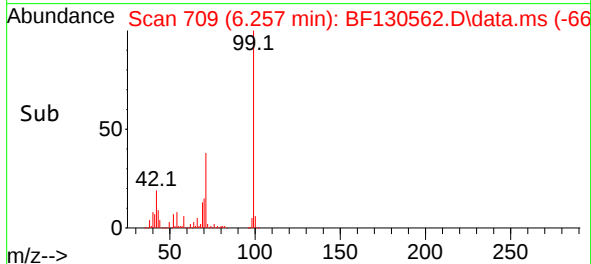
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0



Tgt Ion: 99 Resp: 44916
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 37.9 32.3 48.5

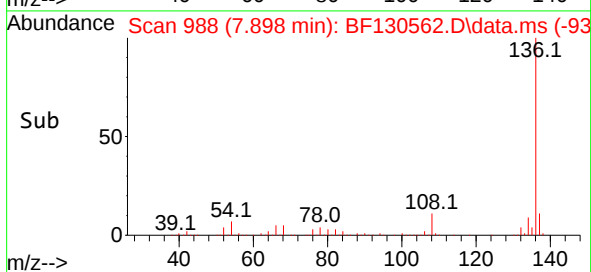
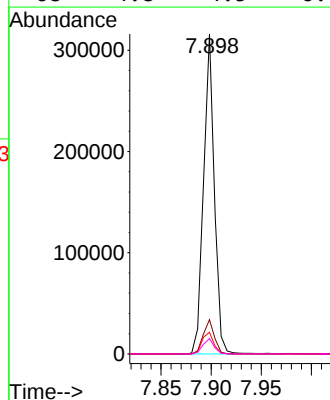
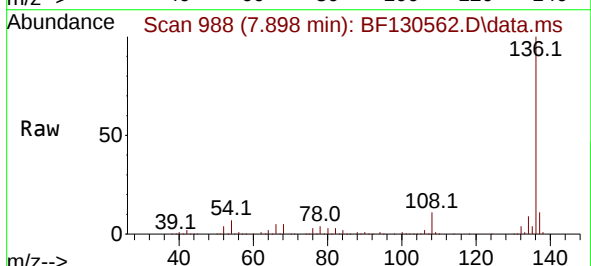
Manual Integrations
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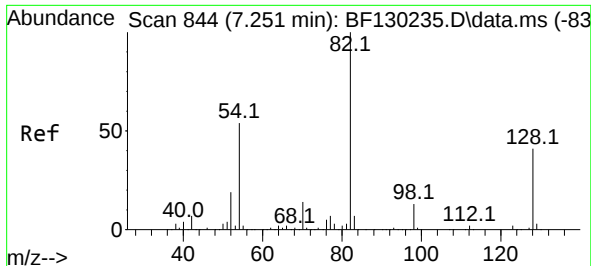
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:136 Resp: 237734
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.7 7.1 10.7#
68 4.8 4.5 6.7





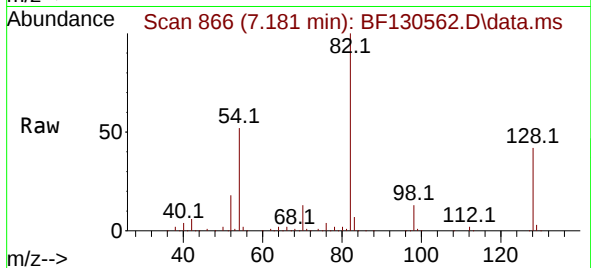
#23
Nitrobenzene-d5
Concen: 61.417 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

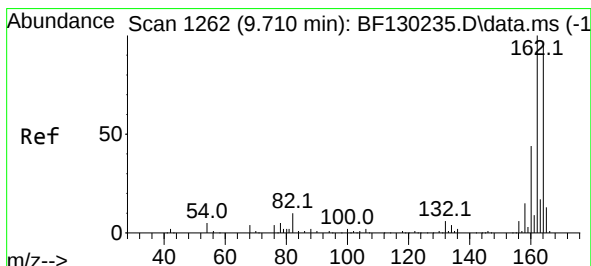
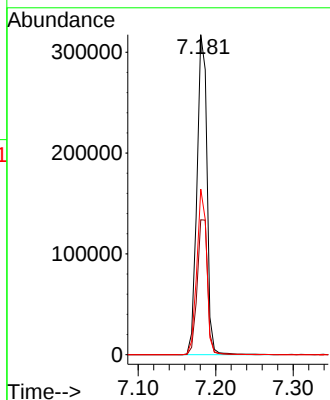
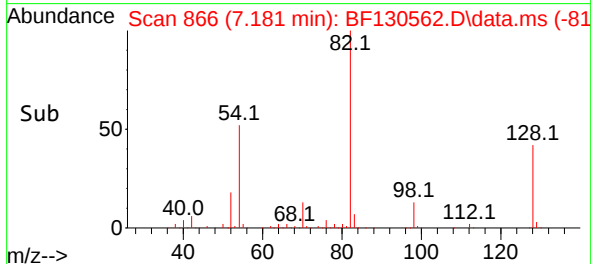


Tgt Ion: 82 Resp: 285795
Ion Ratio Lower Upper
82 100
128 42.1 32.6 49.0
54 51.7 43.8 65.6

Manual Integrations

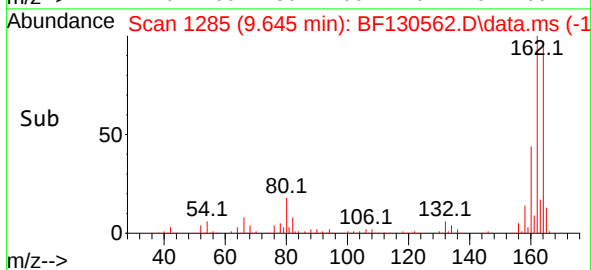
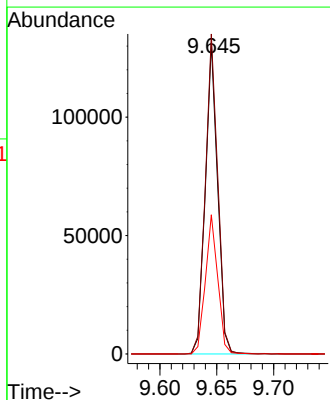
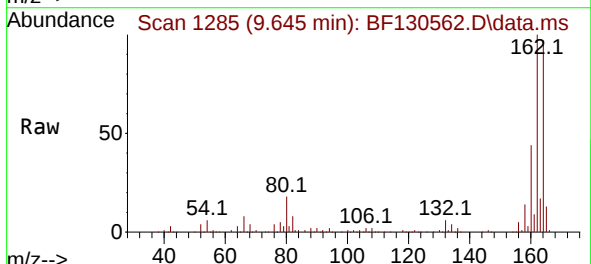
APPROVED

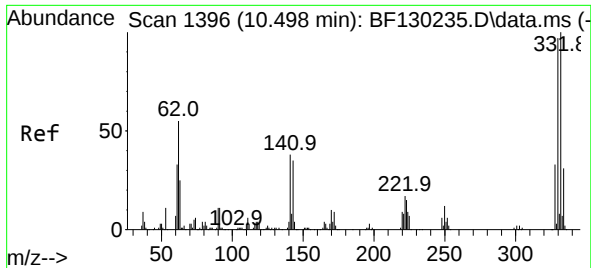
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:164 Resp: 98485
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.8 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 97.063 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

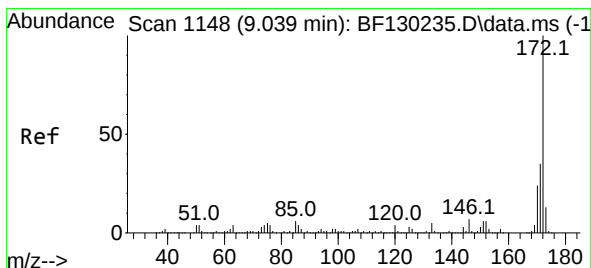
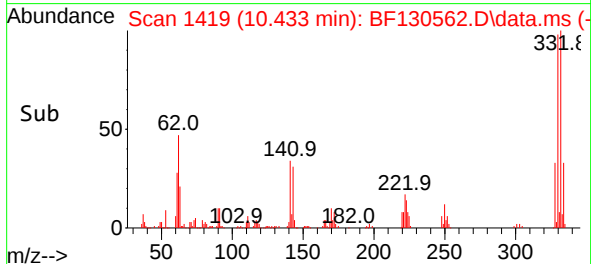
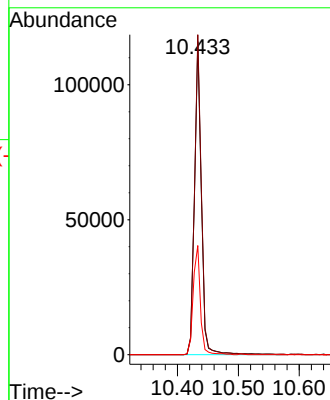
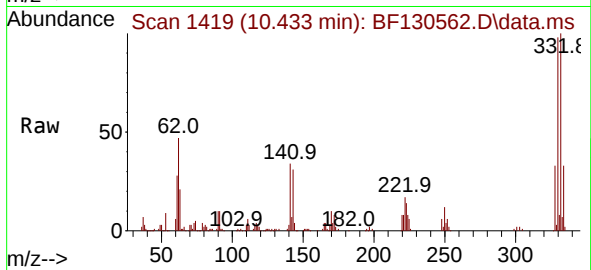
SB-07-0-2.0

Tgt Ion:330 Resp: 91590
Ion Ratio Lower Upper
330 100
332 101.9 83.4 125.2
141 36.1 34.0 51.0

Manual Integrations

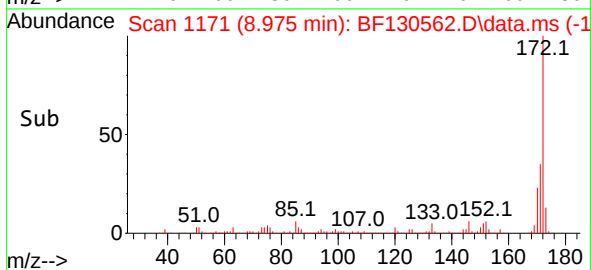
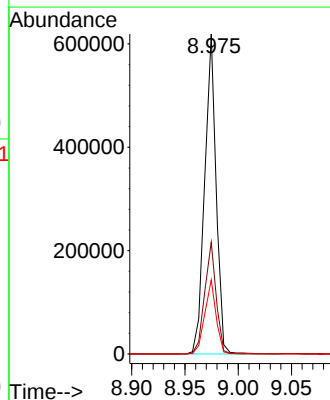
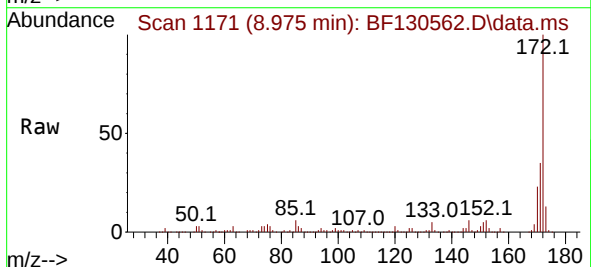
APPROVED

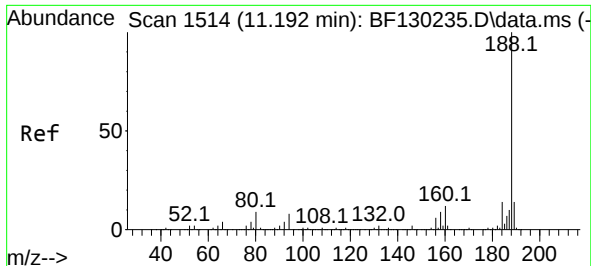
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#45
2-Fluorobiphenyl
Concen: 68.787 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

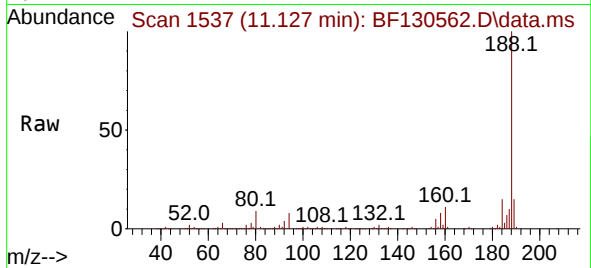
Tgt Ion:172 Resp: 465218
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

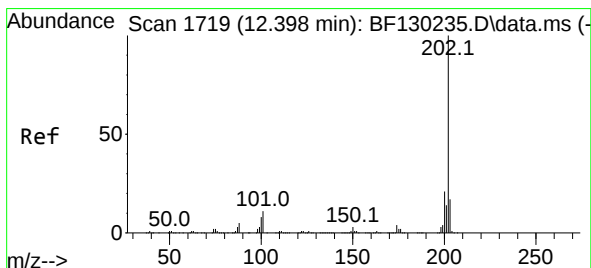
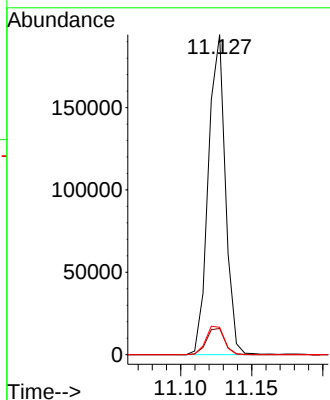
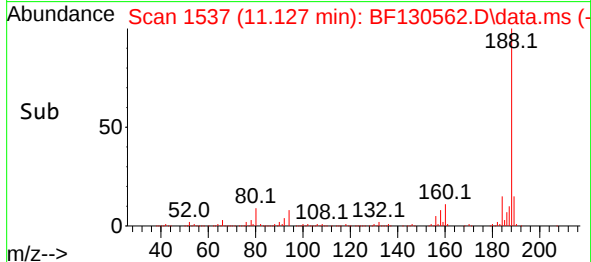
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0



Tgt Ion:188 Resp: 16188
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.5 7.9 11.9

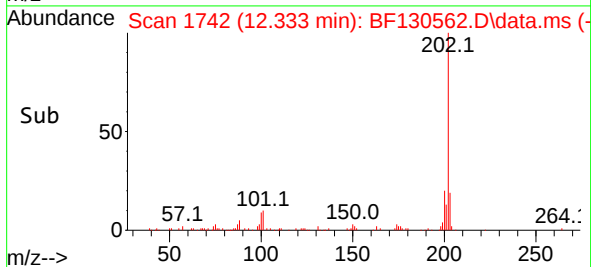
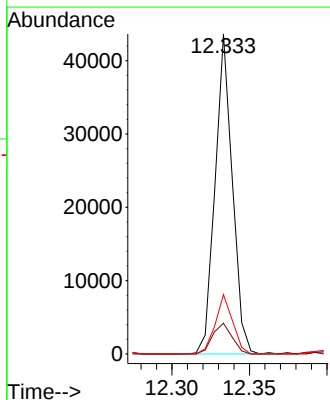
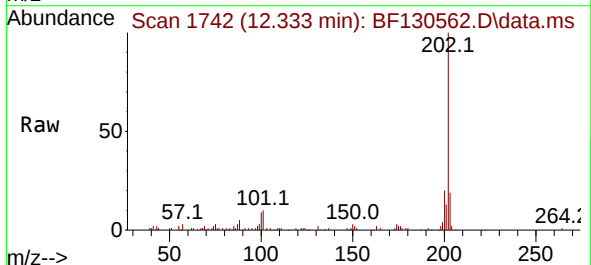
Manual Integrations
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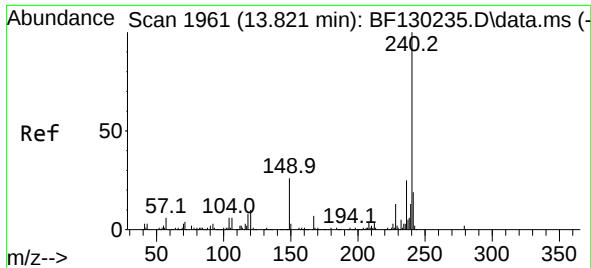
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#75
Fluoranthene
Concen: 3.856 ng
RT: 12.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

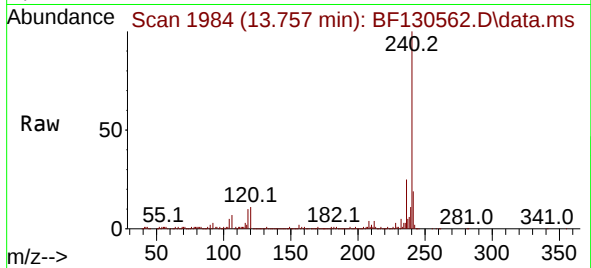
Tgt Ion:202 Resp: 33867
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 18.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

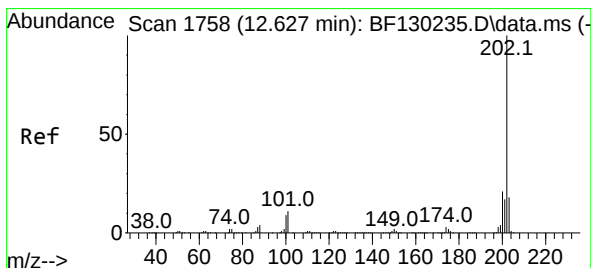
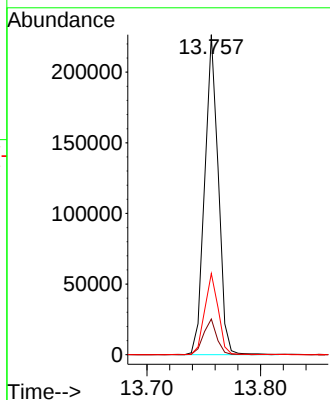
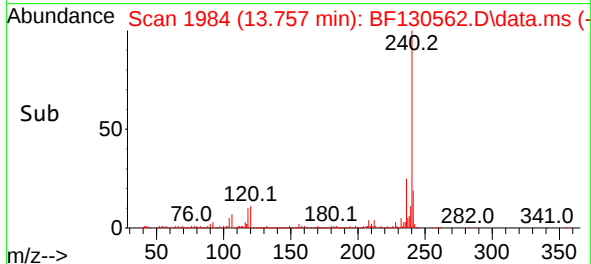
Instrument :
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Tgt Ion:240 Resp: 18798
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.4 20.9 31.3

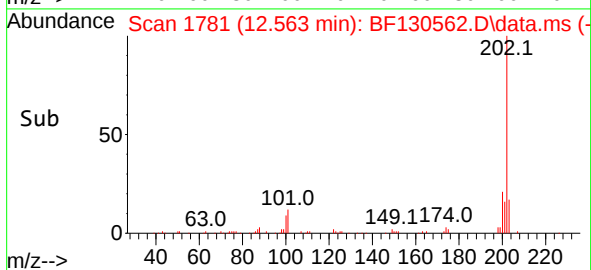
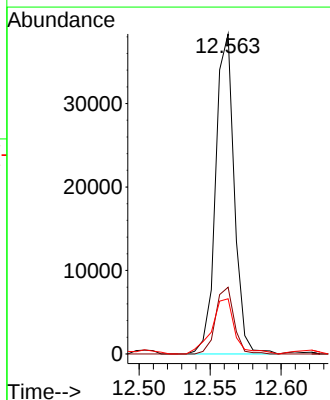
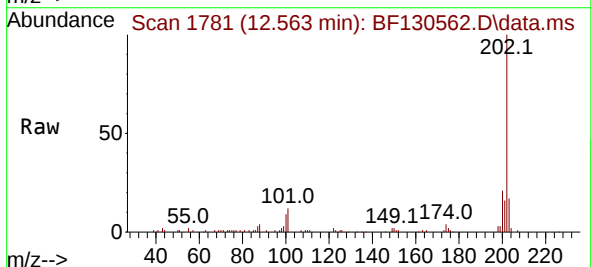
Manual Integrations
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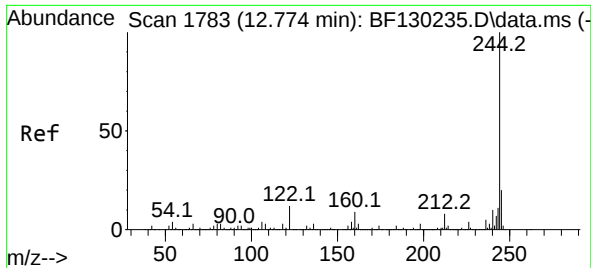
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#78
Pyrene
Concen: 2.123 ng
RT: 12.563 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:202 Resp: 34910
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.3 14.3 21.5





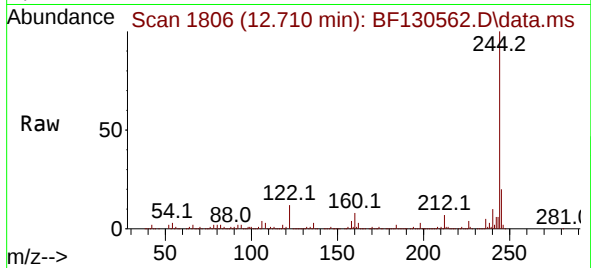
#79
 Terphenyl-d14
 Concen: 47.913 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130562.D
 Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

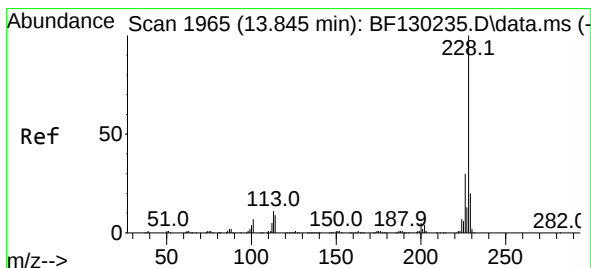
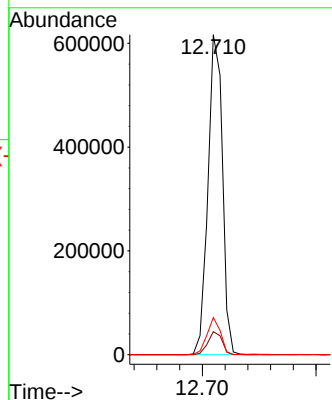
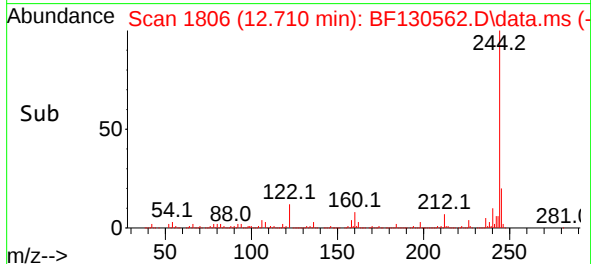


Tgt Ion:244 Resp: 54373
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 8.5 12.7

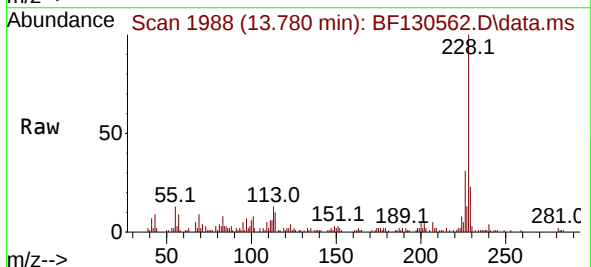
Manual Integrations

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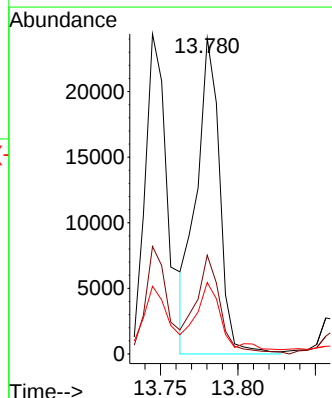
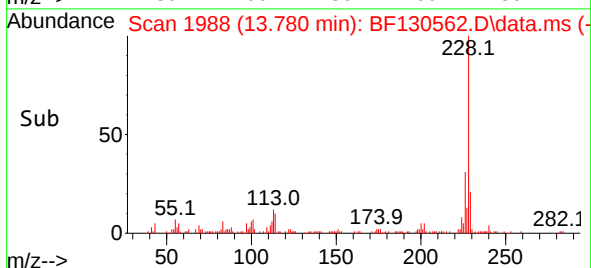
Reviewed By :Christian Giraldo 10/07/2022
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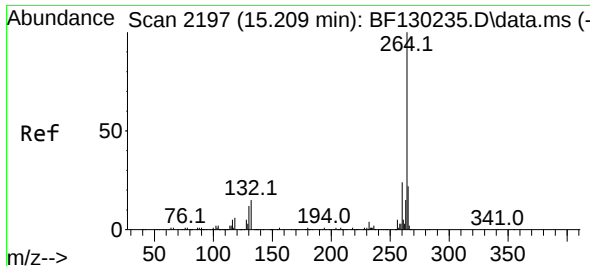


#83
 Chrysene
 Concen: 2.133 ng
 RT: 13.780 min Scan# 1988
 Delta R.T. -0.006 min
 Lab File: BF130562.D
 Acq: 06 Oct 2022 21:32



Tgt Ion:228 Resp: 25326
 Ion Ratio Lower Upper
 228 100
 226 31.3 23.8 35.8
 229 22.7 15.3 22.9





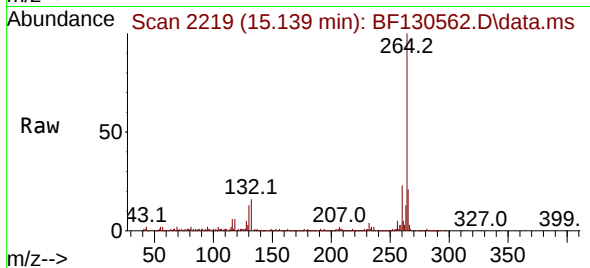
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0



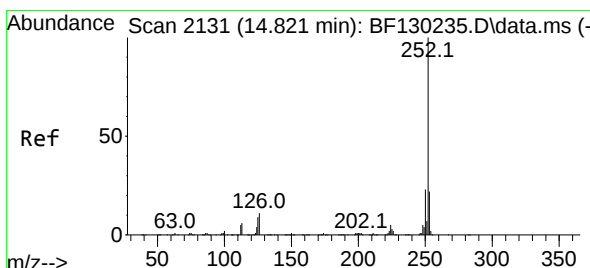
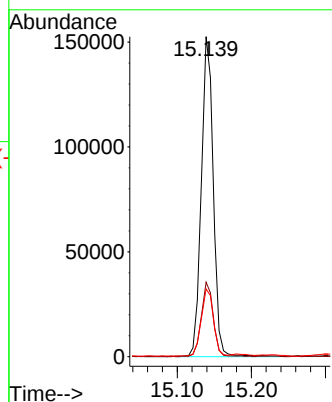
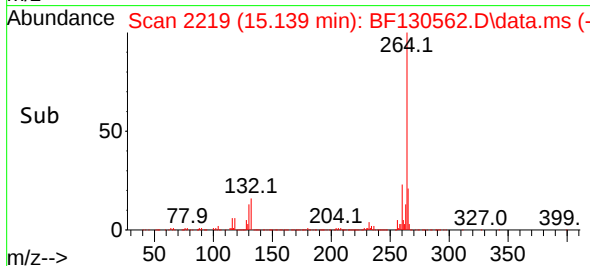
Tgt Ion:264 Resp: 17109
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.2 17.0 25.4

Manual Integrations

APPROVED

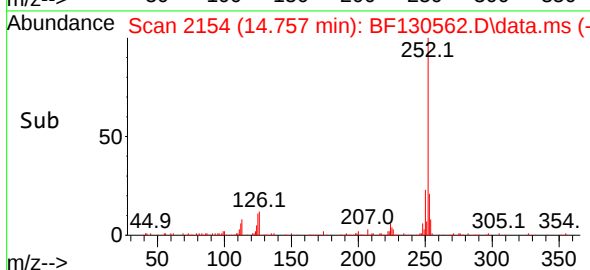
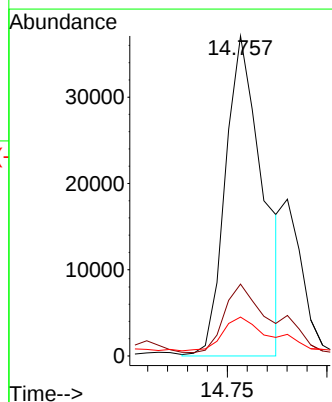
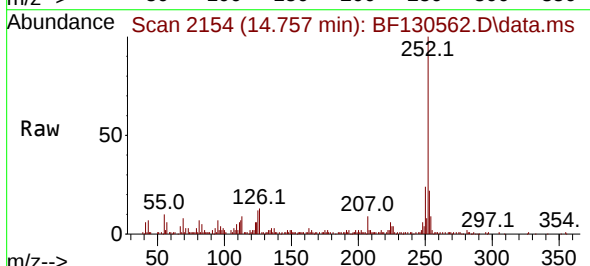
Reviewed By :Christian Giraldo 10/07/2022

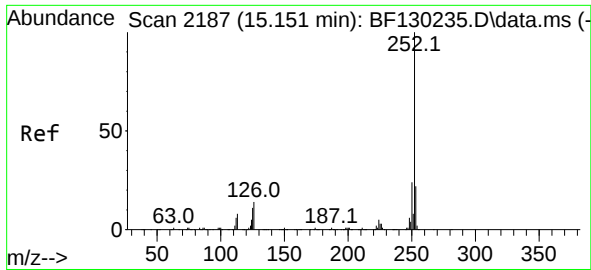
Supervised By :Jagrut Upadhyay 10/10/2022



#88
Benzo(b)fluoranthene
Concen: 4.310 ng m
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF130562.D
Acq: 06 Oct 2022 21:32

Tgt Ion:252 Resp: 48133
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.1 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 3.035 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130562.D

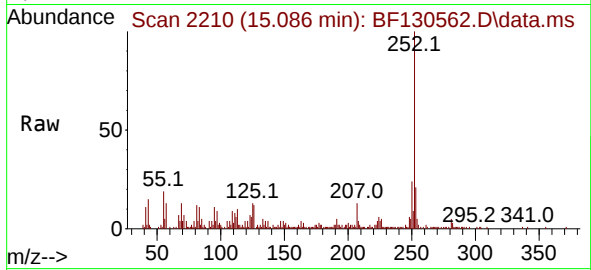
Acq: 06 Oct 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0



Tgt Ion:252 Resp: 26854

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 13.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022

