

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132007.D
 Acq On : 10 Jan 2023 21:01
 Operator : CG\JU
 Sample : N6243-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

Quant Time: Jan 11 00:40:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66896	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	216169	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	102158	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	162192	20.000	ng	0.00
76) Chrysene-d12	13.980	240	134352	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	116515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	445643	109.771	ng	0.01
7) Phenol-d6	6.428	99	563236	104.637	ng	0.00
23) Nitrobenzene-d5	7.357	82	390435	74.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	106930	91.036	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	620112	81.944	ng	0.00
79) Terphenyl-d14	12.921	244	538949	57.495	ng	0.00
Target Compounds						
75) Fluoranthene	12.545	202	29980	3.153	ng	Qvalue 91
78) Pyrene	12.774	202	31435	2.565	ng	# 91
88) Benzo(b)fluoranthene	15.021	252	25093m	3.140	ng	
90) Benzo(a)pyrene	15.386	252	14779	2.053	ng	# 60
92) Benzo(g,h,i)perylene	17.356	276	10962	5.108	ng	# 88

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

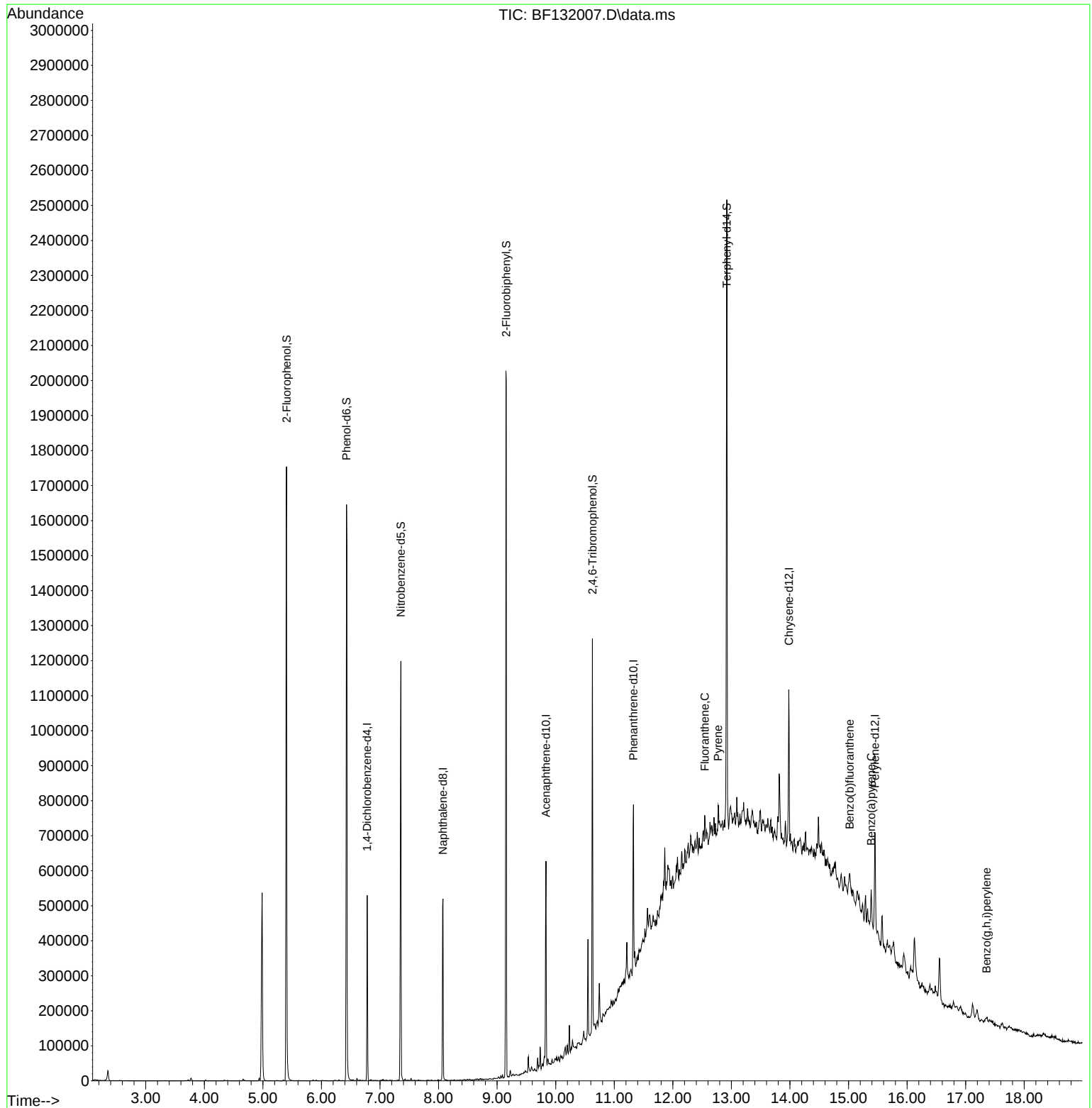
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132007.D
Acq On : 10 Jan 2023 21:01
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Sample : N6243-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

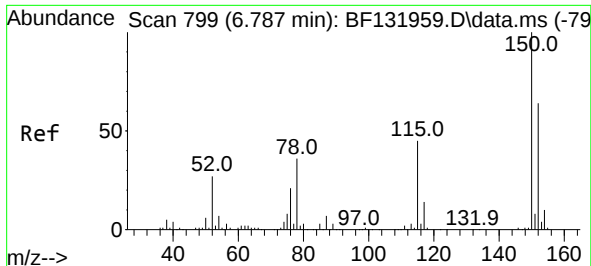
Instrument :
BNA_F
ClientSampleId :
PE-6RE

Quant Time: Jan 11 00:40:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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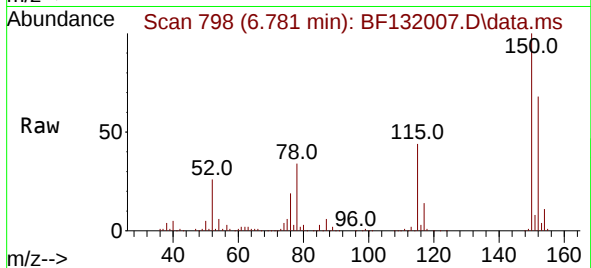
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

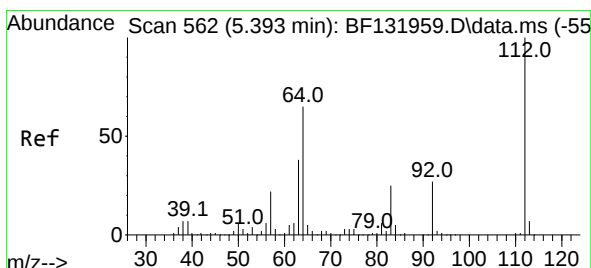
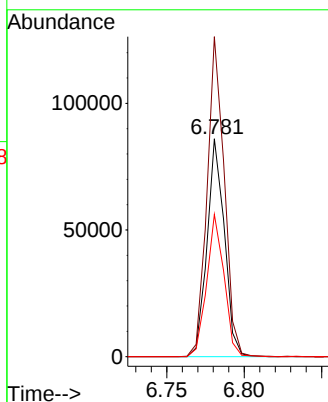
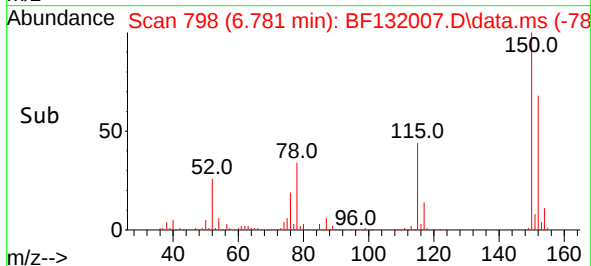
Instrument :
BNA_F
ClientSampleId :
PE-6RE



Tgt Ion:152 Resp: 66890
Ion Ratio Lower Upper
152 100
150 146.9 124.6 186.8
115 65.3 55.6 83.4

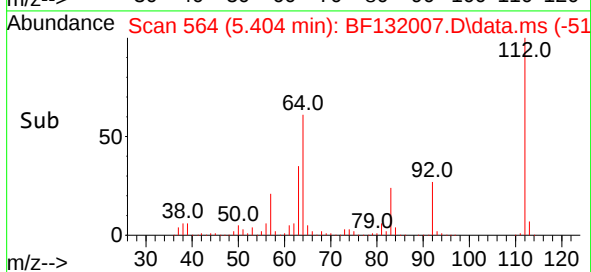
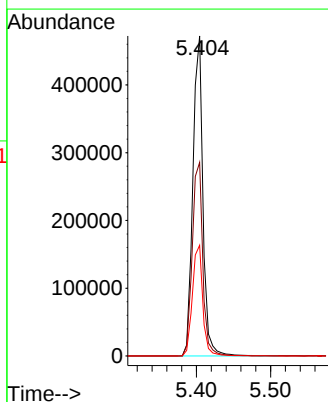
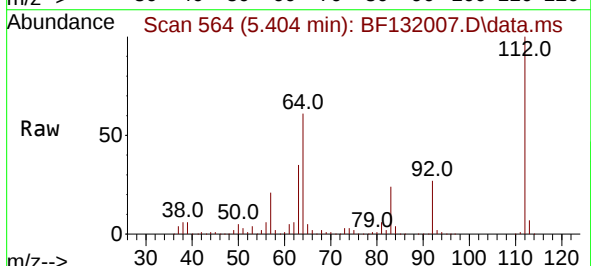
Manual Integrations
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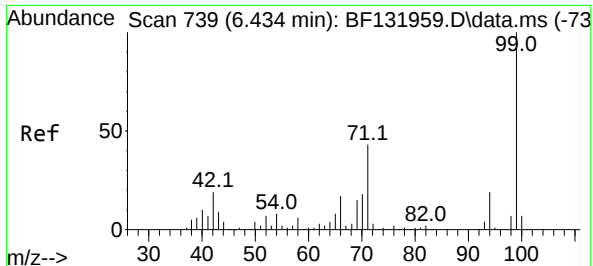
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#5
2-Fluorophenol
Concen: 109.771 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:112 Resp: 445643
Ion Ratio Lower Upper
112 100
64 60.5 51.9 77.9
63 34.6 30.2 45.2





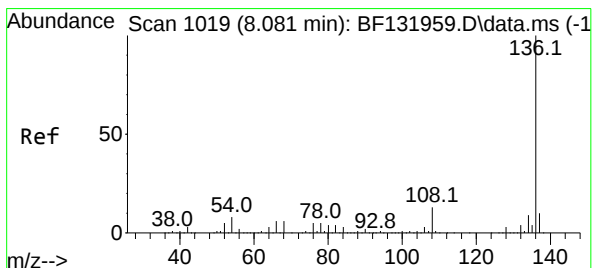
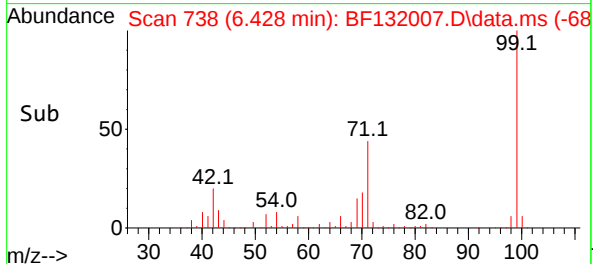
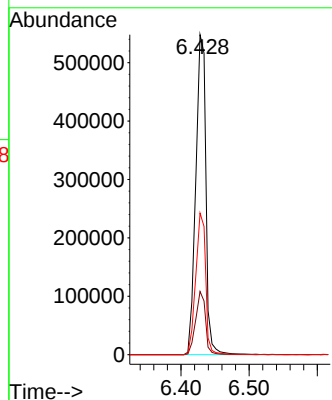
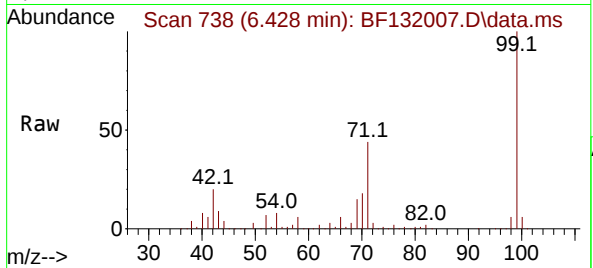
#7
Phenol-d6
Concen: 104.637 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Instrument :
BNA_F
ClientSampleId :
PE-6RE

Tgt Ion: 99 Resp: 563230
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 44.3 34.6 51.8

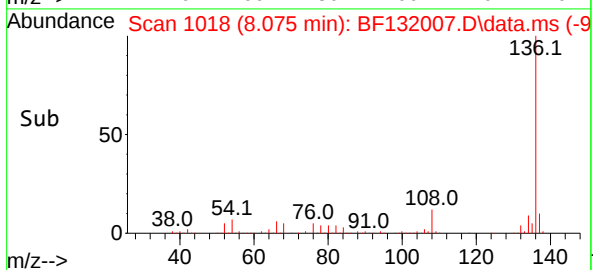
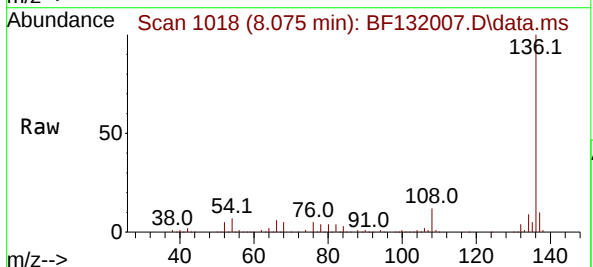
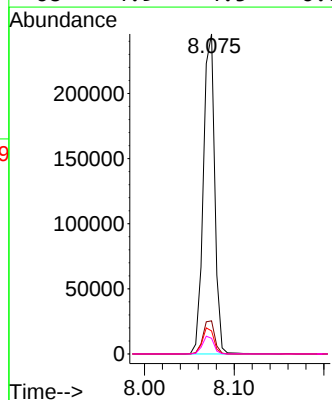
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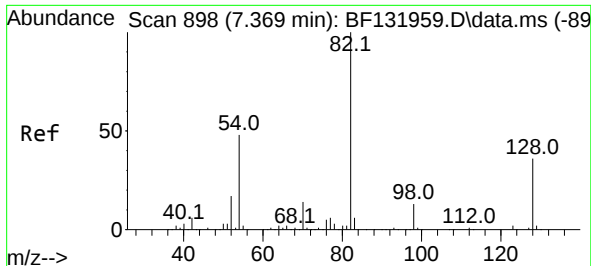
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Tgt Ion:136 Resp: 216169
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.2 6.6 9.8
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 74.962 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE

Tgt Ion: 82 Resp: 39043

Ion Ratio Lower Upper

82 100

128 36.9 28.7 43.1

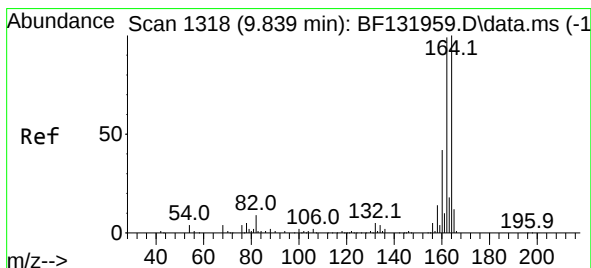
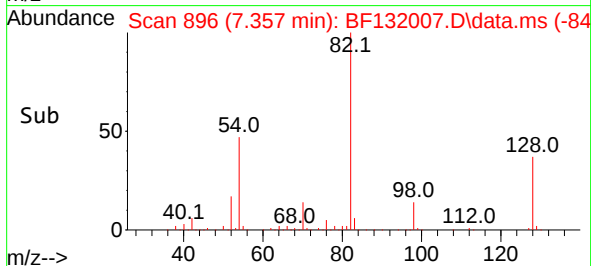
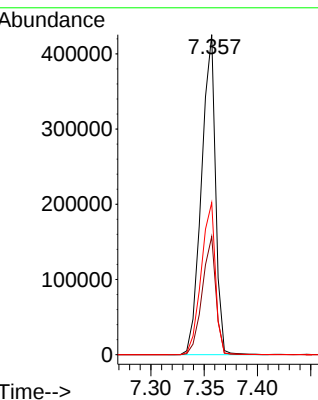
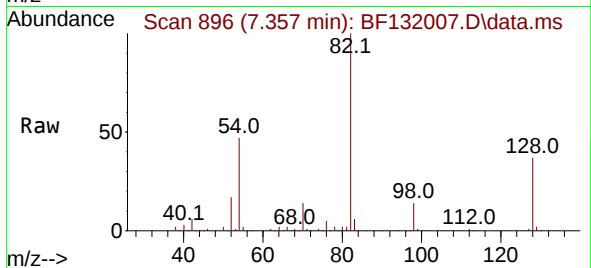
54 47.5 38.1 57.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/11/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

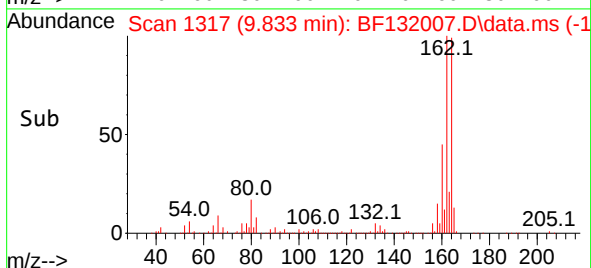
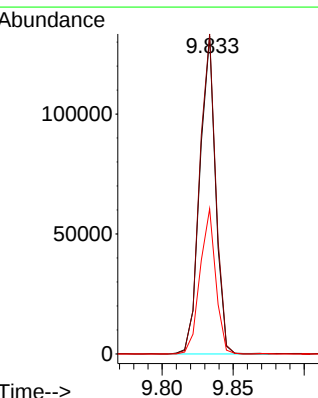
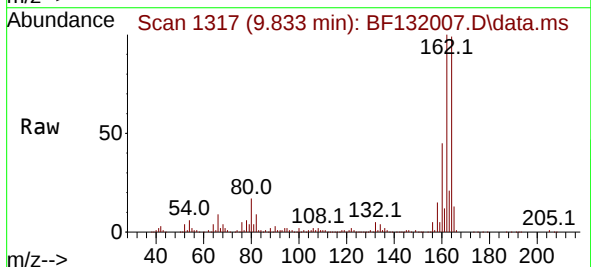
Tgt Ion:164 Resp: 102158

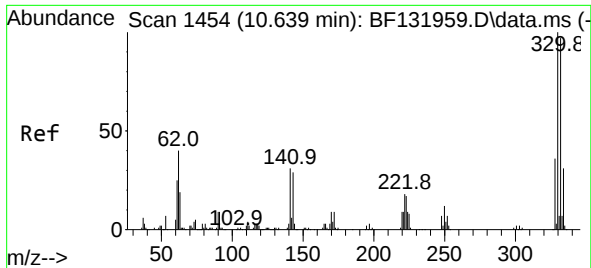
Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.0

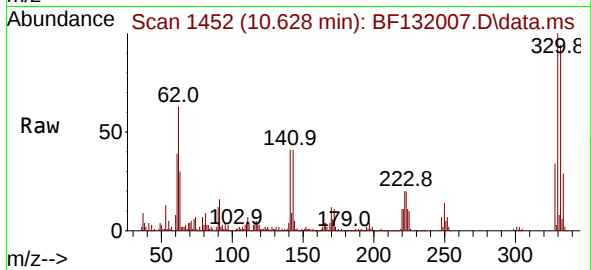
160 45.6 33.9 50.9





#42
2,4,6-Tribromophenol
Concen: 91.036 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

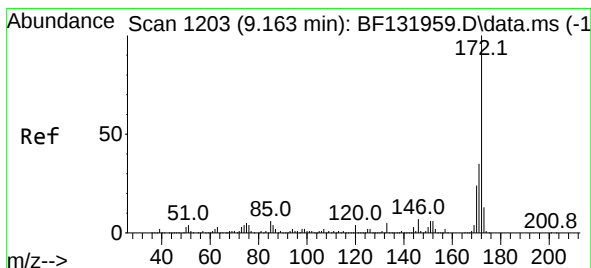
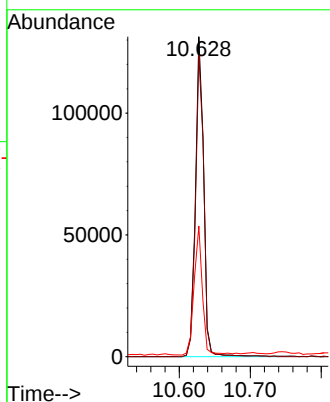
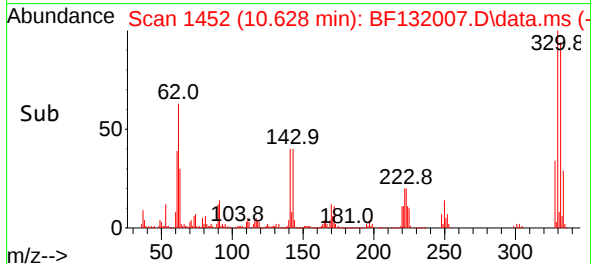
Instrument :
BNA_F
ClientSampleId :
PE-6RE



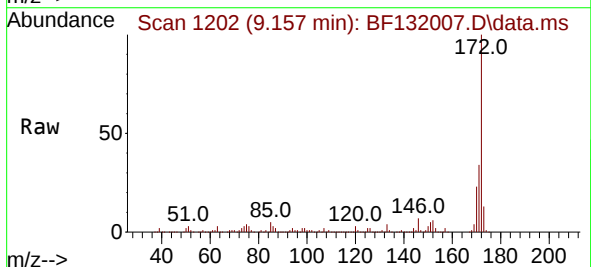
Tgt Ion: 330 Resp: 106930
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 40.0 31.3 46.9

Manual Integrations
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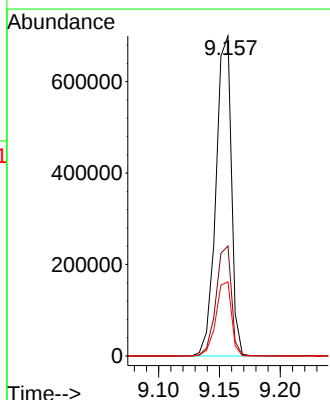
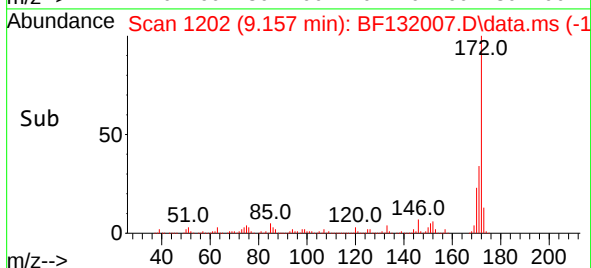
Reviewed By : Christian Giraldo 01/11/2023
Supervised By : Jagrut Upadhyay 01/11/2023

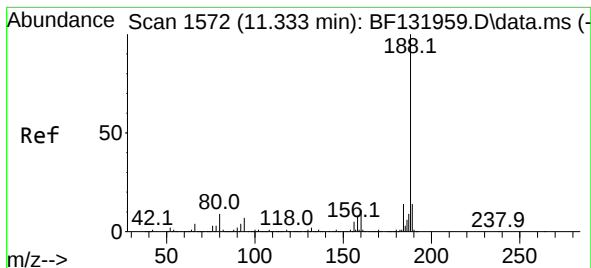


#45
2-Fluorobiphenyl
Concen: 81.944 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01



Tgt Ion: 172 Resp: 620112
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

PE-6RE

Tgt Ion:188 Resp: 16219

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

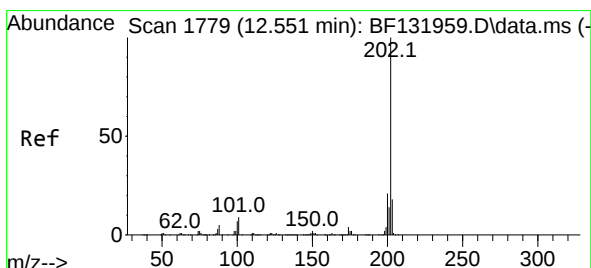
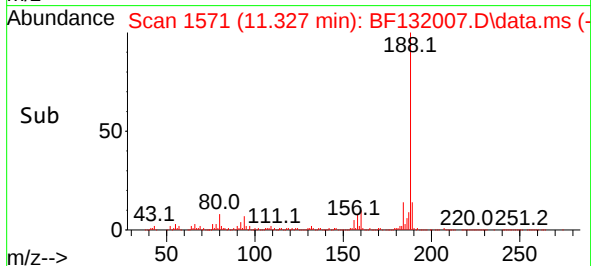
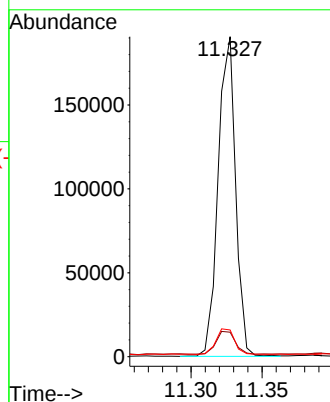
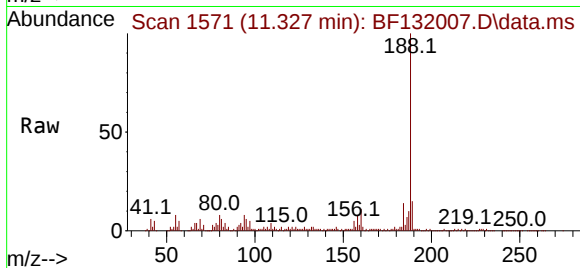
80 8.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#75

Fluoranthene

Concen: 3.153 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF132007.D

Acq: 10 Jan 2023 21:01

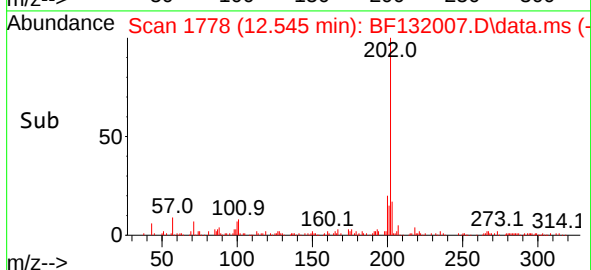
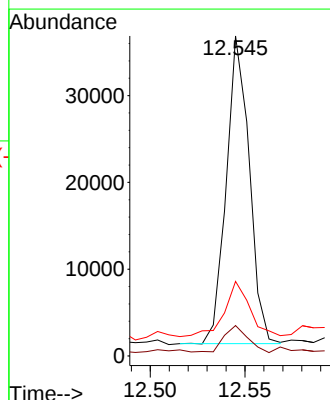
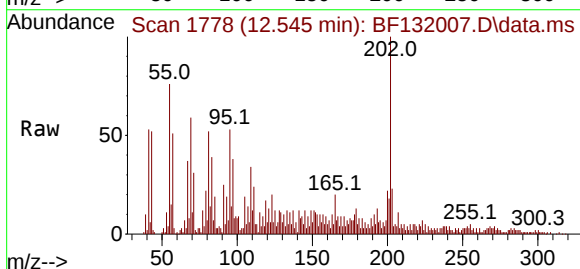
Tgt Ion:202 Resp: 29980

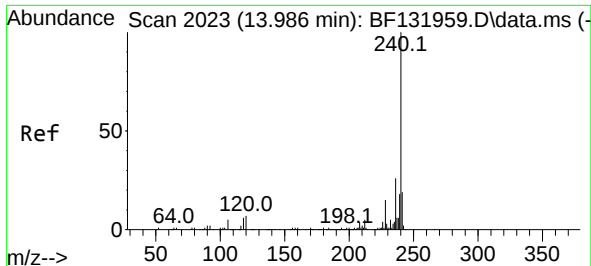
Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.8

203 23.3 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Instrument :

BNA_F

ClientSampleId :

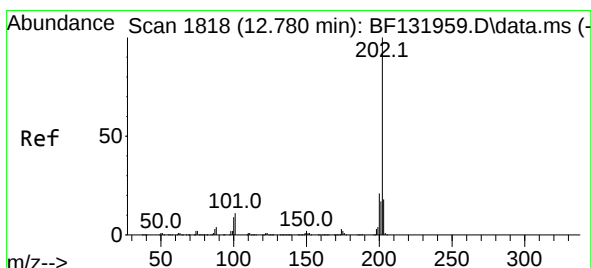
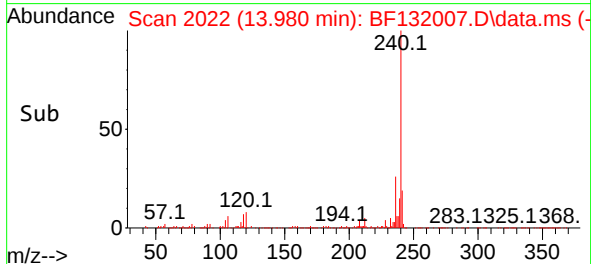
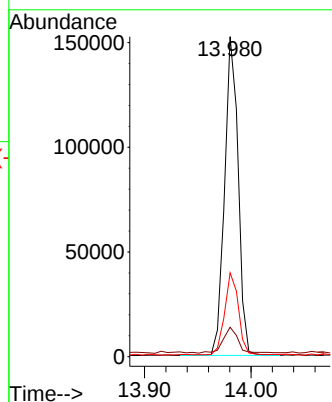
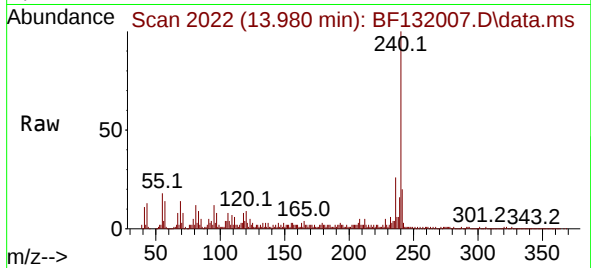
PE-6RE

Tgt Ion:240 Resp: 13435
Ion Ratio Lower Upper
240 100
120 9.2 5.4 8.0
236 26.2 21.1 31.7

Manual Integrations

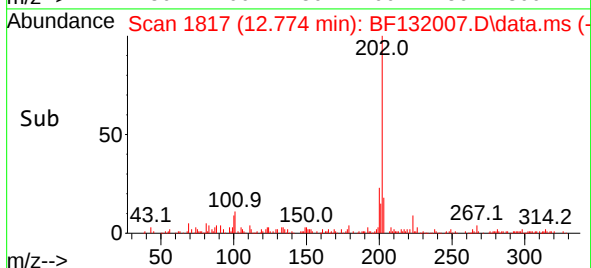
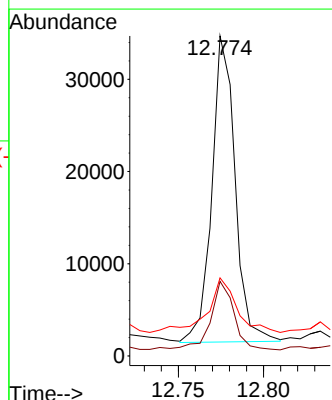
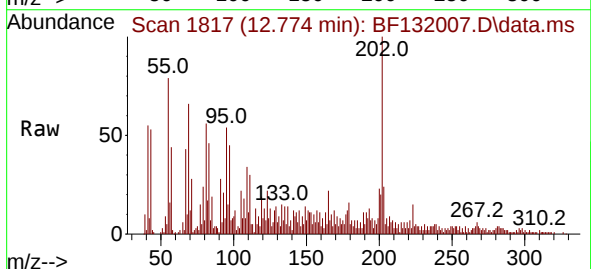
APPROVED

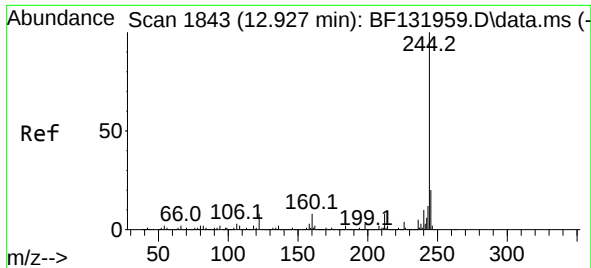
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#78
Pyrene
Concen: 2.565 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

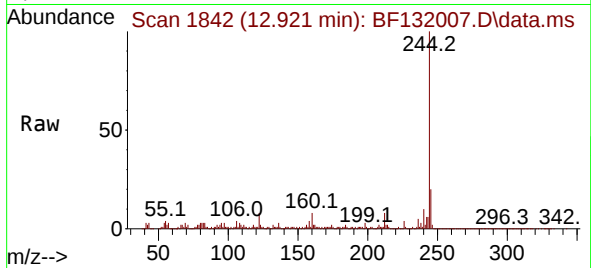
Tgt Ion:202 Resp: 31435
Ion Ratio Lower Upper
202 100
200 23.3 17.0 25.6
203 24.4 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 57.495 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132007.D
 Acq: 10 Jan 2023 21:01

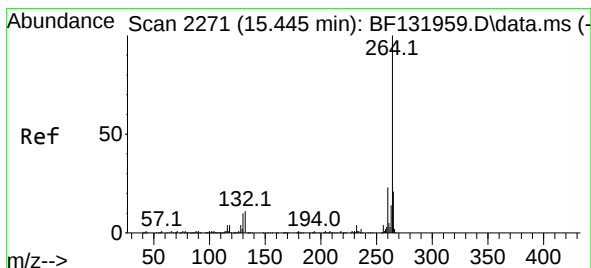
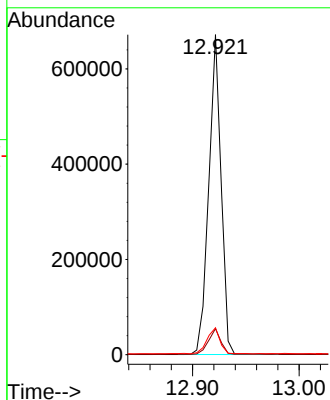
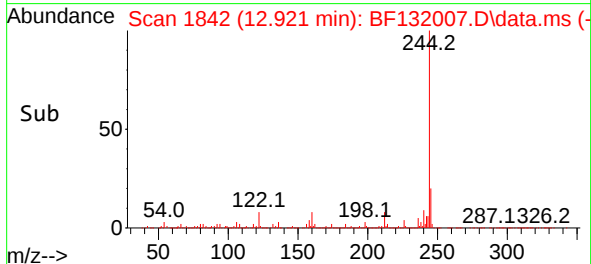
Instrument :
 BNA_F
 ClientSampleId :
 PE-6RE



Tgt Ion:244 Resp: 538949
 Ion Ratio Lower Upper
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 212 8.2 6.3 9.5
 122 8.4 6.8 10.2

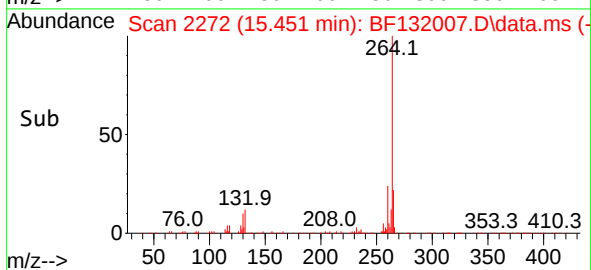
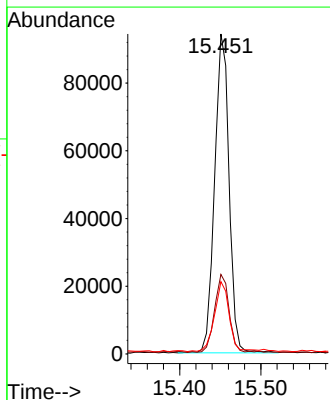
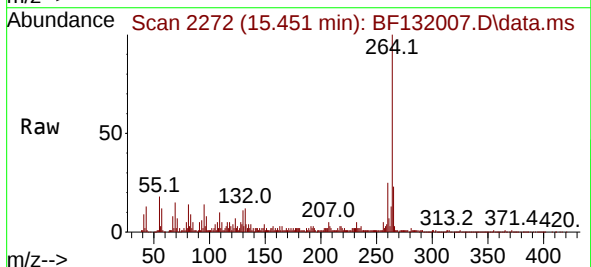
Manual Integrations
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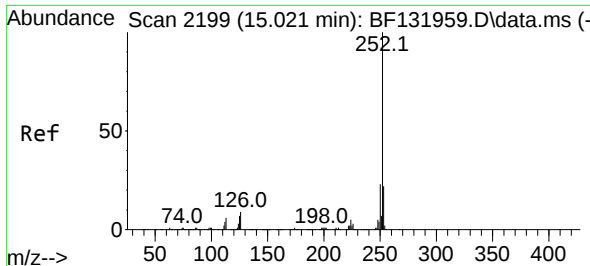
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF132007.D
 Acq: 10 Jan 2023 21:01

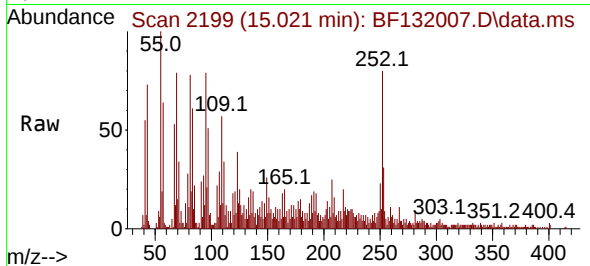
Tgt Ion:264 Resp: 116515
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.3 27.5
 265 22.6 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 3.140 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

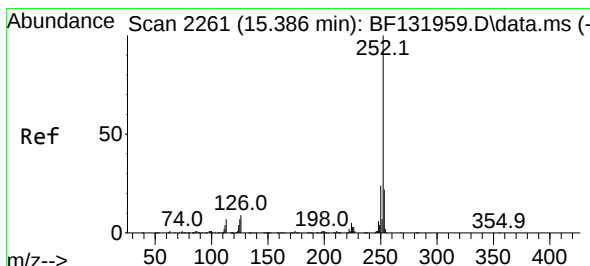
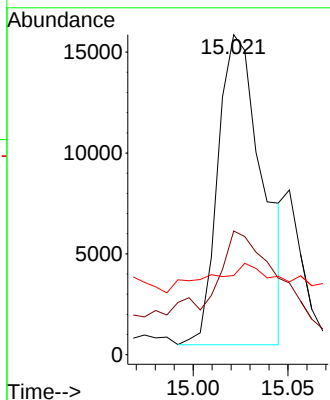
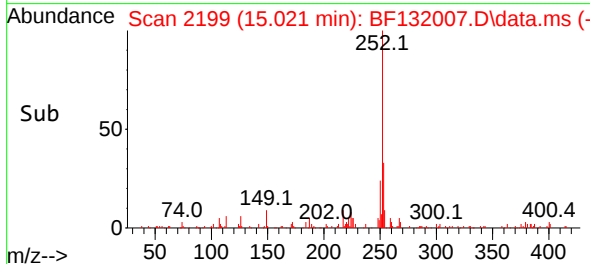
Instrument :
BNA_F
ClientSampleId :
PE-6RE



Tgt Ion:252 Resp: 2509
Ion Ratio Lower Upper
252 100
253 38.7 18.0 27.0#
125 24.7 5.8 8.6#

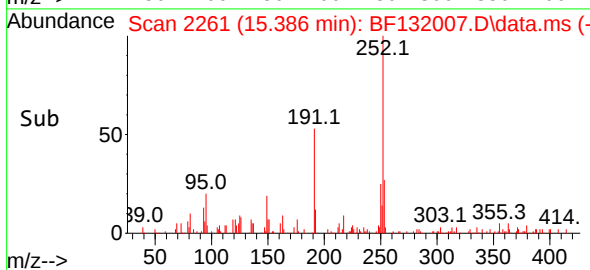
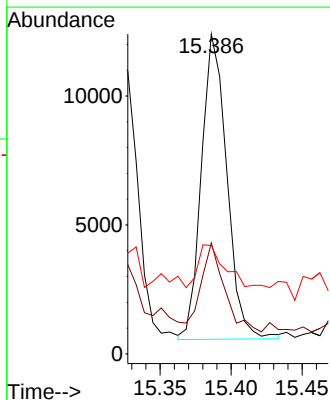
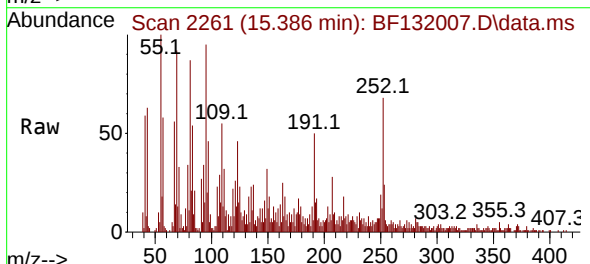
Manual Integrations
APPROVED

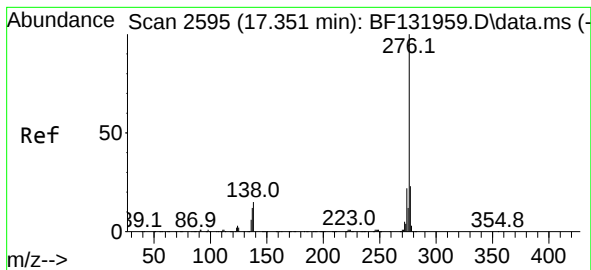
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#90
Benzo(a)pyrene
Concen: 2.053 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

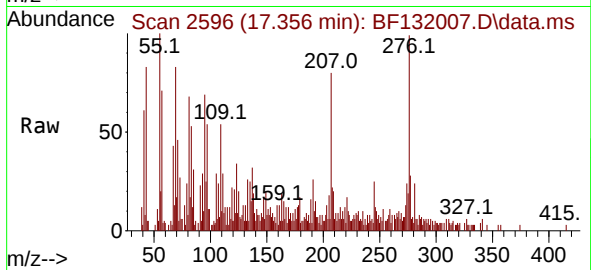
Tgt Ion:252 Resp: 14779
Ion Ratio Lower Upper
252 100
253 34.7 17.4 26.0#
125 33.9 5.7 8.5#





#92
Benzo(g,h,i)perylene
Concen: 5.108 ng
RT: 17.356 min Scan# 21
Delta R.T. 0.005 min
Lab File: BF132007.D
Acq: 10 Jan 2023 21:01

Instrument :
BNA_F
ClientSampleId :
PE-6RE



Tgt Ion:	276	Resp:	1096
Ion Ratio	Lower	Upper	
276	100		
277	28.4	18.2	27.2
138	19.6	11.7	17.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

