

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130376.D
 Acq On : 22 Sep 2022 15:10
 Operator : CG\JU
 Sample : N4732-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 22 16:44:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	153281	20.000	ng	-0.01
21) Naphthalene-d8	7.933	136	607370	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	299777	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	424415	20.000	ng	0.00
76) Chrysene-d12	13.798	240	273789	20.000	ng	0.00
86) Perylene-d12	15.192	264	262182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	1124313	127.223	ng	0.01
7) Phenol-d6	6.298	99	1429113	129.243	ng	0.00
23) Nitrobenzene-d5	7.222	82	905148	76.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	348325	121.265	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1531783	74.408	ng	0.00
79) Terphenyl-d14	12.757	244	1095010	66.251	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.186	178	62676	2.630	ng	99
75) Fluoranthene	12.374	202	115203	5.003	ng	97
78) Pyrene	12.598	202	103768	4.332	ng	98
80) Butylbenzylphthalate	13.233	149	49123	5.536	ng	94
81) Benzo(a)anthracene	13.786	228	57800	3.173	ng	97
83) Chrysene	13.821	228	48752	2.819	ng	97
88) Benzo(b)fluoranthene	14.798	252	78843m	4.607	ng	
90) Benzo(a)pyrene	15.127	252	50370	3.715	ng	100
92) Benzo(g,h,i)perylene	16.903	276	31280	2.036	ng	98

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

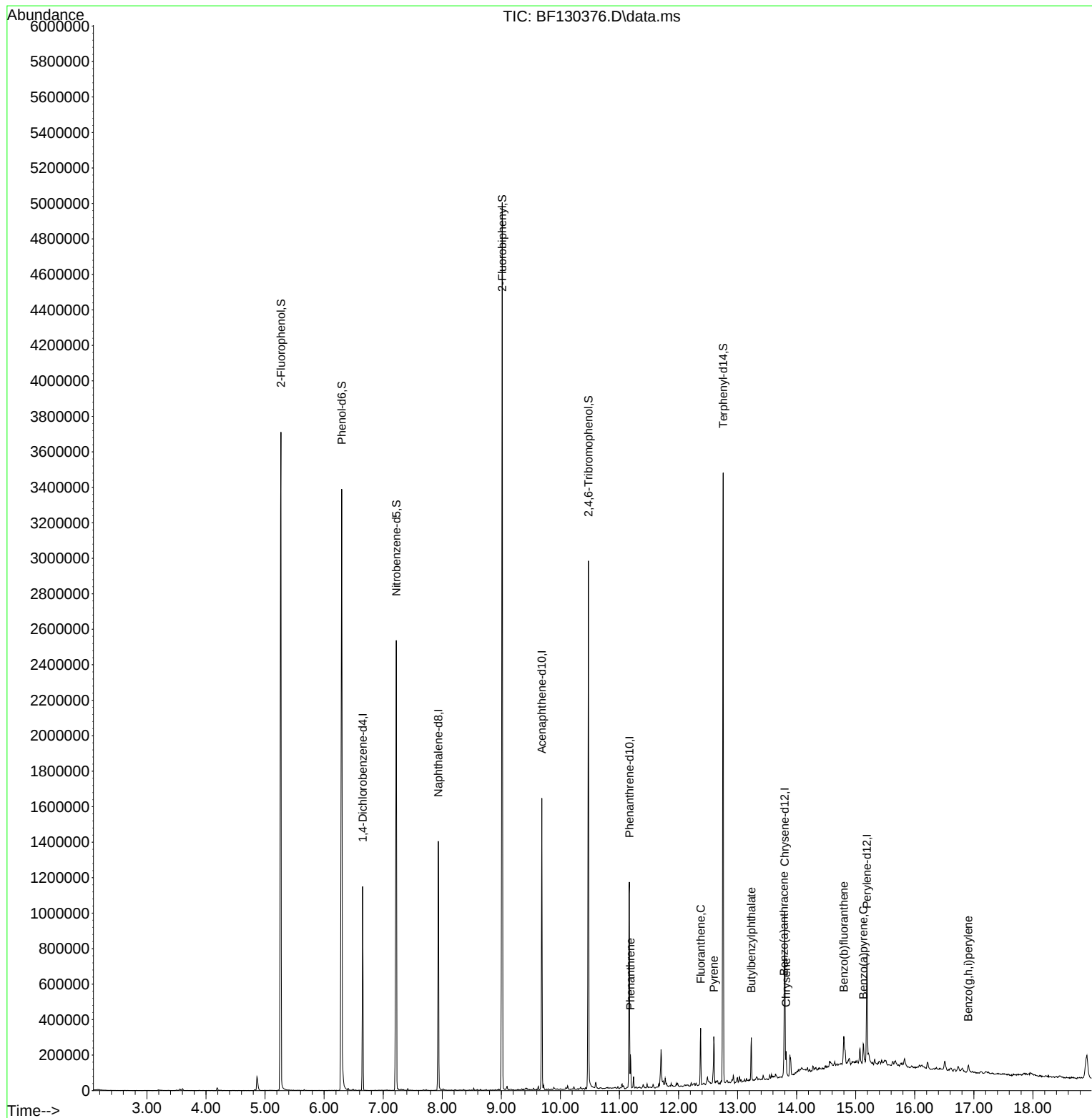
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
Data File : BF130376.D
Acq On : 22 Sep 2022 15:10
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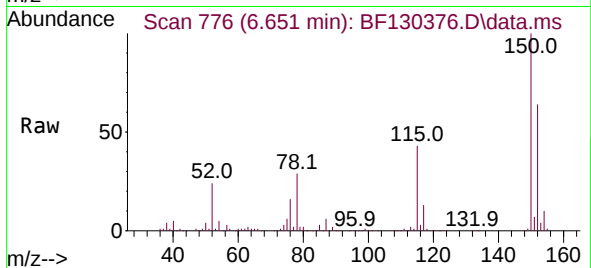
Reviewed By : Christian Giraldo 09/23/2022
Supervised By : Jagrut Upadhyay 09/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

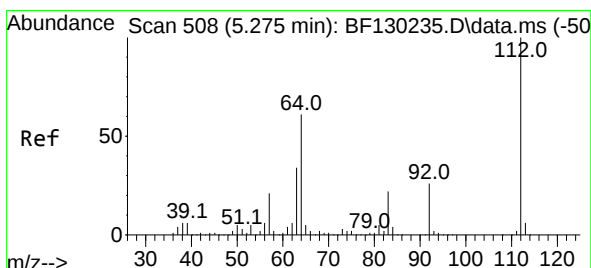
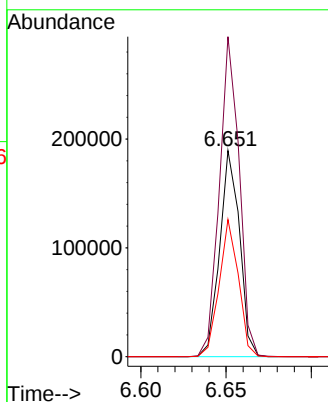
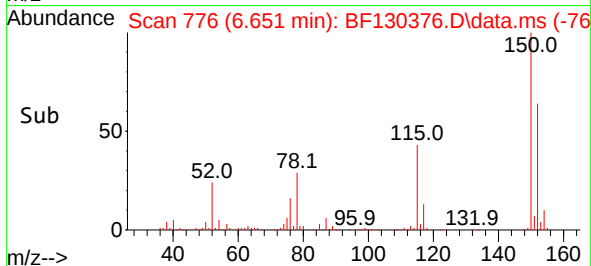
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 153281
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 66.5 53.8 80.8

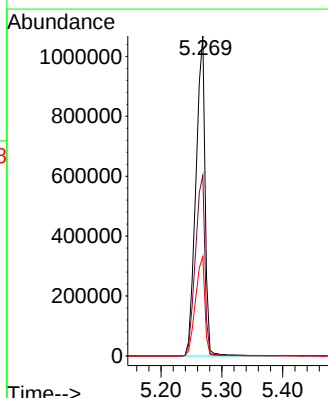
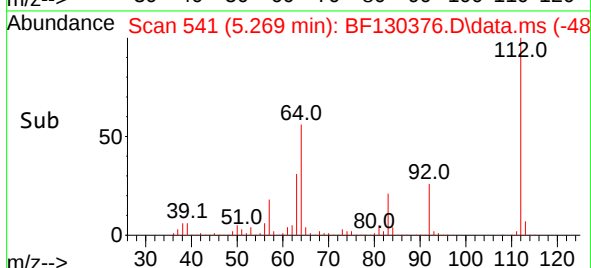
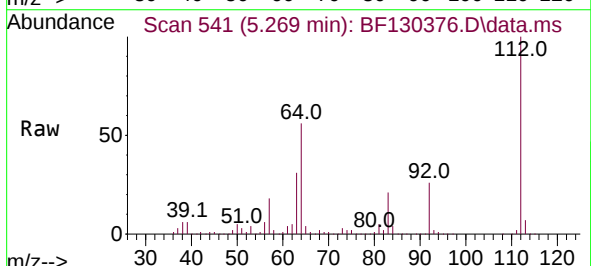
Manual Integrations
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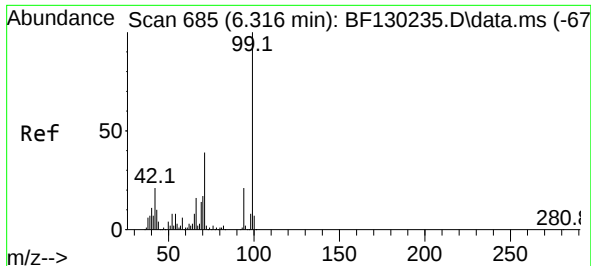
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#5
2-Fluorophenol
Concen: 127.223 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

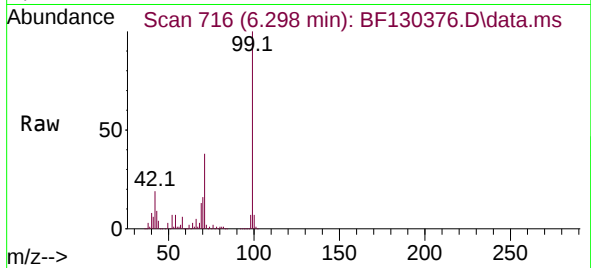
Tgt Ion:112 Resp: 1124313
Ion Ratio Lower Upper
112 100
64 56.4 51.4 77.0
63 31.0 28.8 43.2





#7
Phenol-d6
Concen: 129.243 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

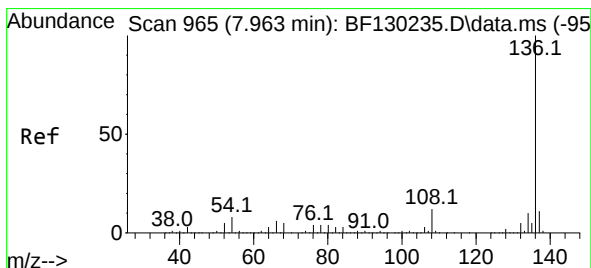
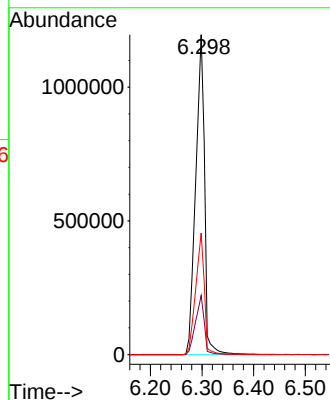
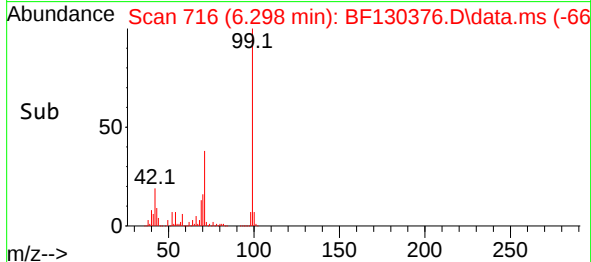
Instrument :
BNA_F
ClientSampleId :
WC-1



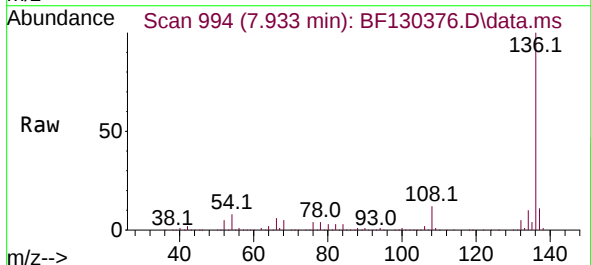
Tgt Ion: 99 Resp: 142911
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 38.0 32.3 48.5

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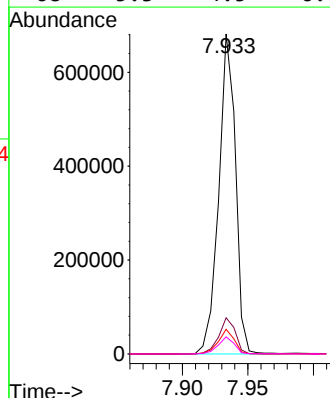
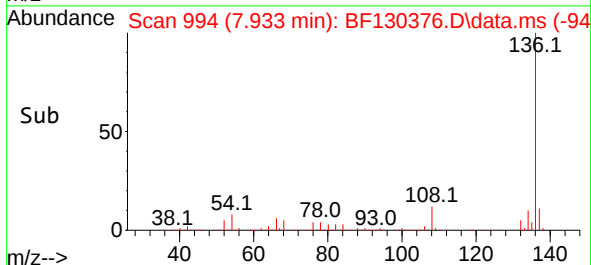
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

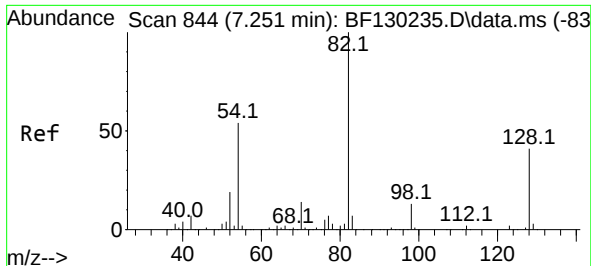


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10



Tgt Ion:136 Resp: 607370
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 7.1 10.7
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 76.136 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 82 Resp: 905148

Ion Ratio Lower Upper

82 100

128 43.6 32.6 49.0

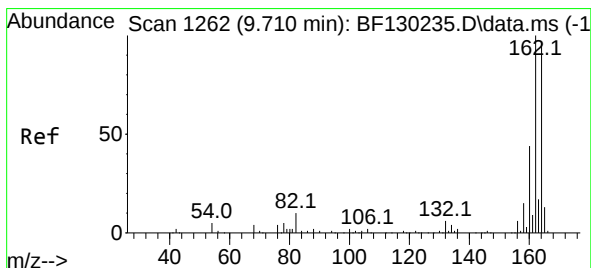
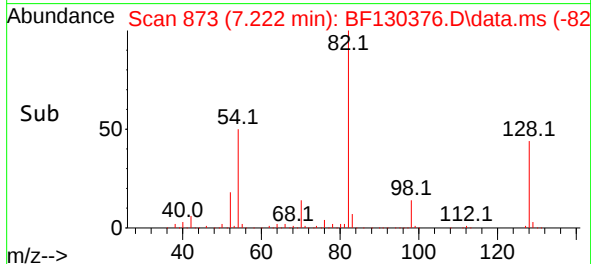
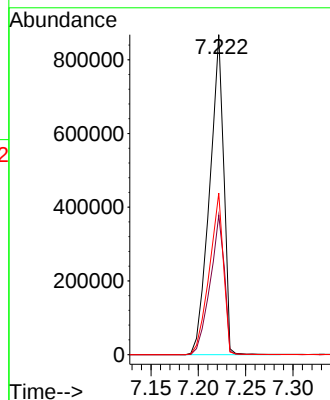
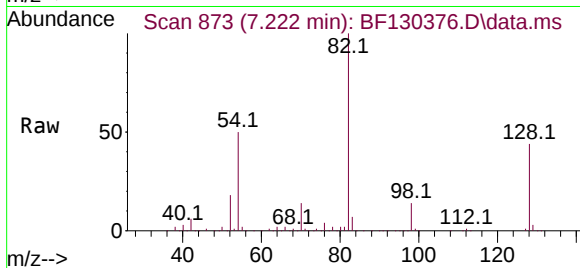
54 50.5 43.8 65.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

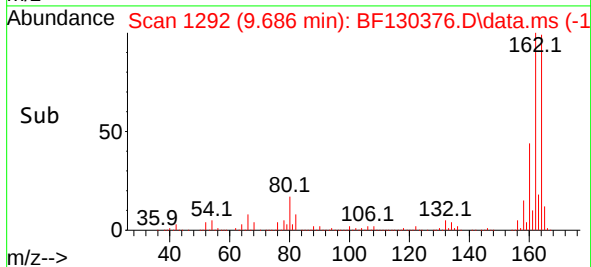
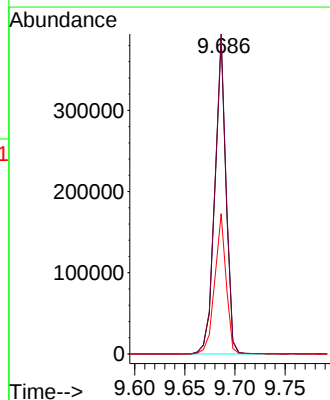
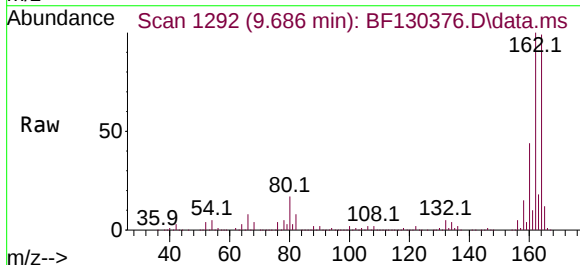
Tgt Ion:164 Resp: 299777

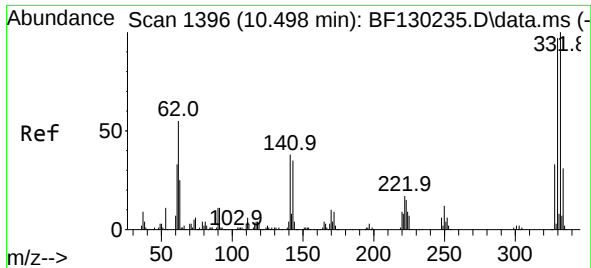
Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

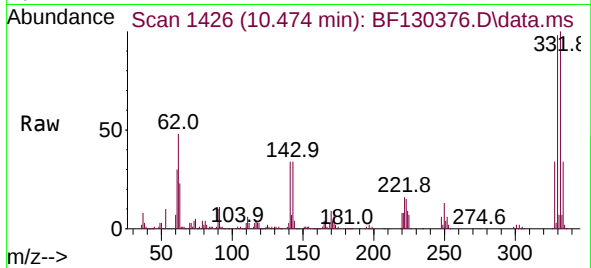
160 44.5 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 121.265 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

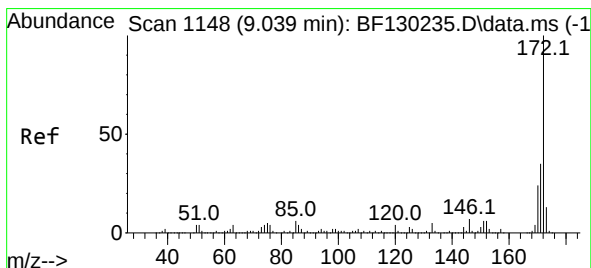
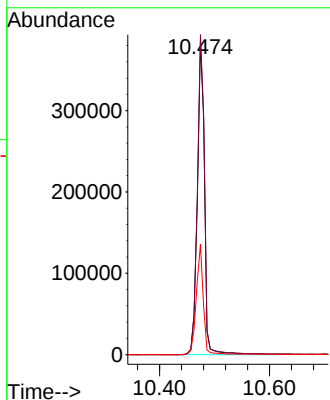
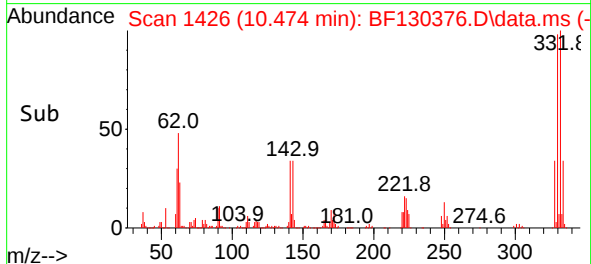
Instrument :
BNA_F
ClientSampleId :
WC-1



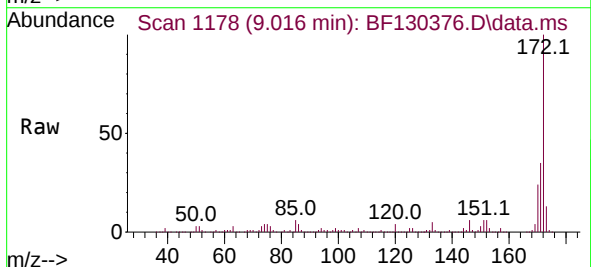
Tgt Ion: 330 Resp: 348325
Ion Ratio Lower Upper
330 100
332 102.9 83.4 125.2
141 34.5 34.0 51.0

Manual Integrations
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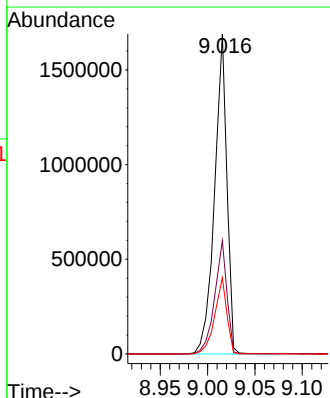
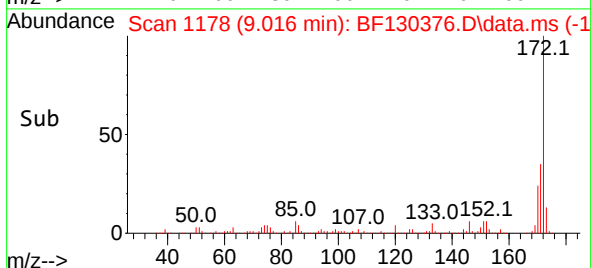
Reviewed By : Christian Giraldo 09/23/2022
Supervised By : Jagrut Upadhyay 09/23/2022

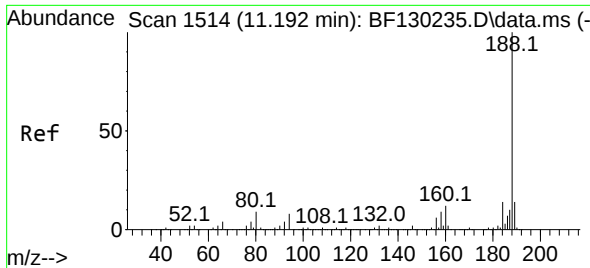


#45
2-Fluorobiphenyl
Concen: 74.408 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10



Tgt Ion: 172 Resp: 1531783
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.7 28.1





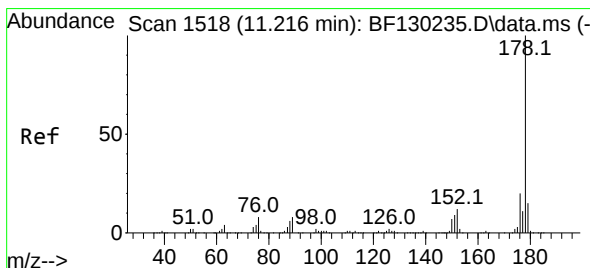
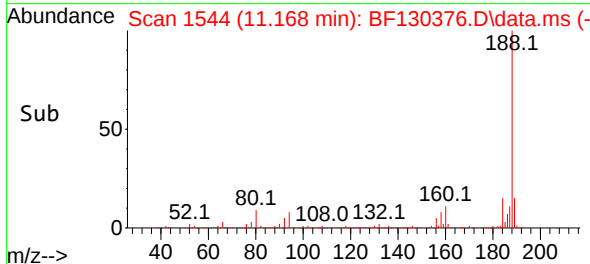
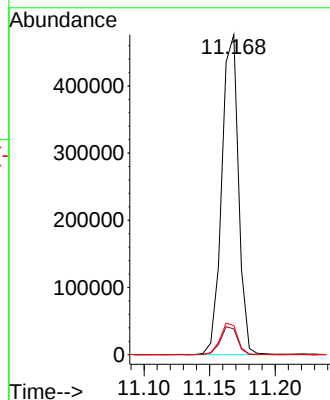
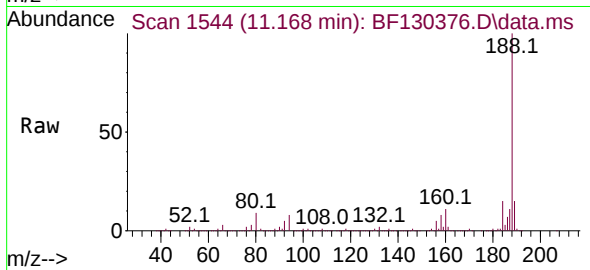
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 424415
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.1 7.9 11.9

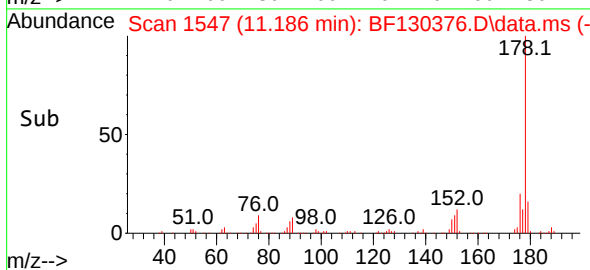
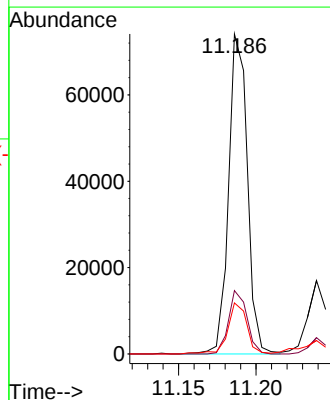
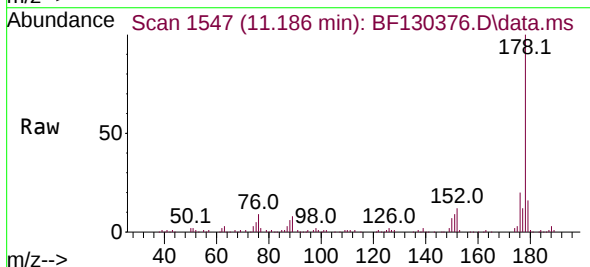
Manual Integrations
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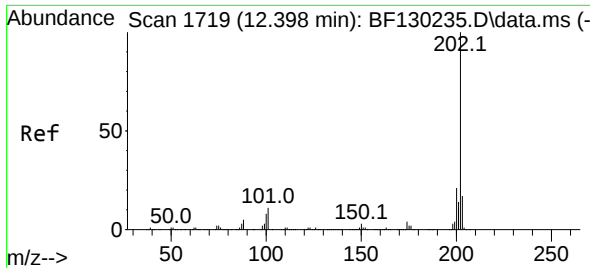
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#71
Phenanthrene
Concen: 2.630 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

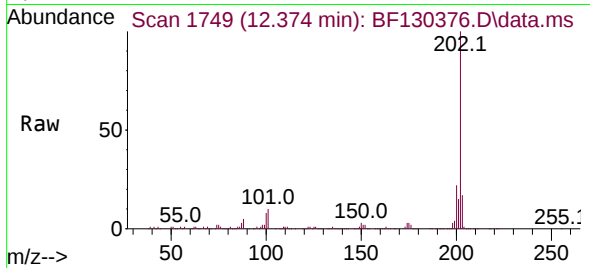
Tgt Ion:178 Resp: 62676
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 5.003 ng
RT: 12.374 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

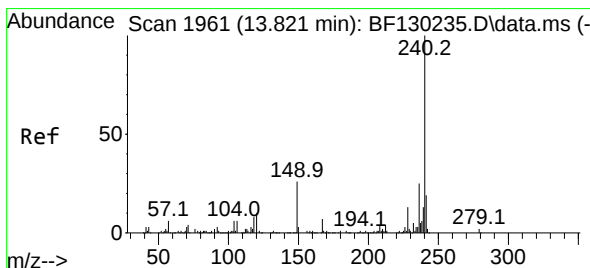
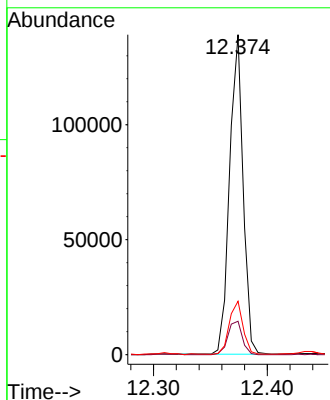
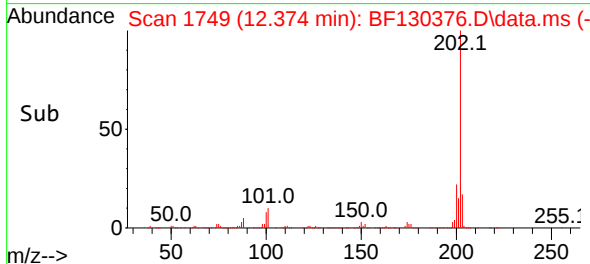
Instrument :
BNA_F
ClientSampleId :
WC-1



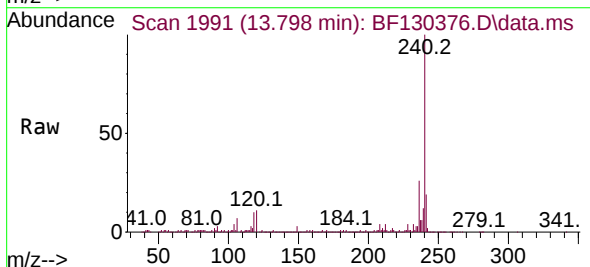
Tgt Ion:202 Resp: 115203
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 16.7 0.0 37.8

Manual Integrations
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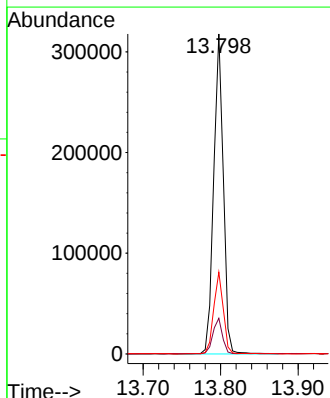
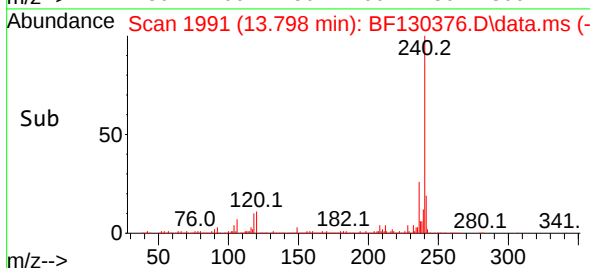
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

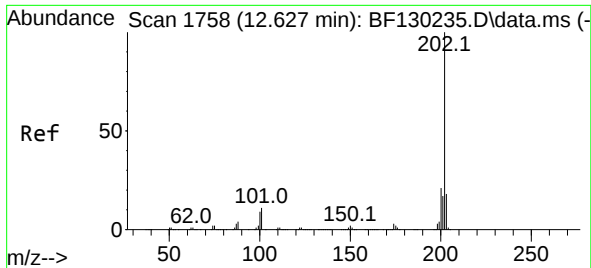


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10



Tgt Ion:240 Resp: 273789
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.5 20.9 31.3





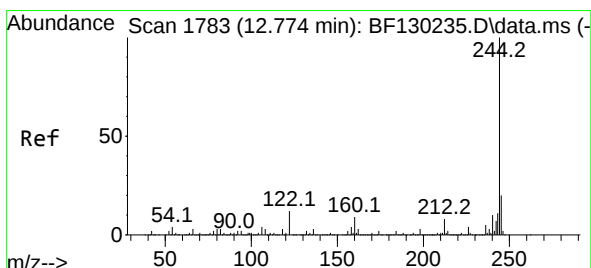
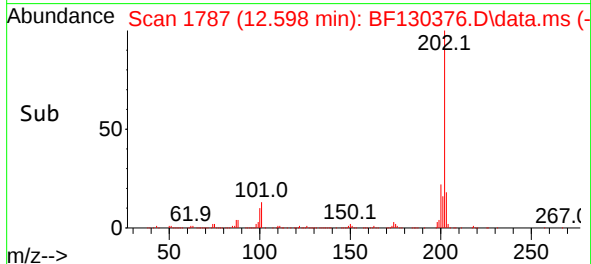
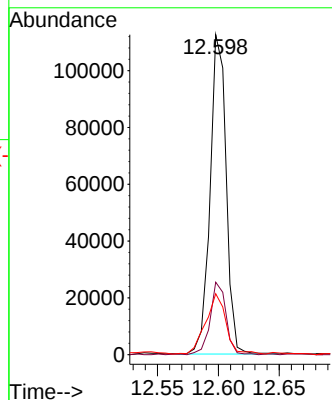
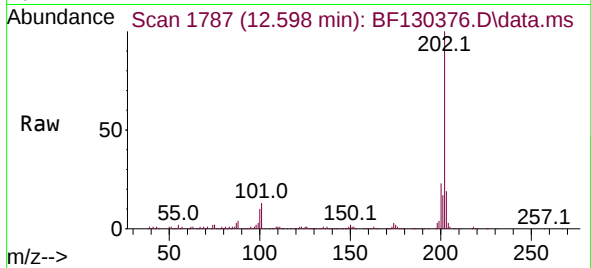
#78
Pyrene
Concen: 4.332 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:202 Resp: 103768
Ion Ratio Lower Upper
202 100
200 22.6 17.2 25.8
203 19.0 14.3 21.5

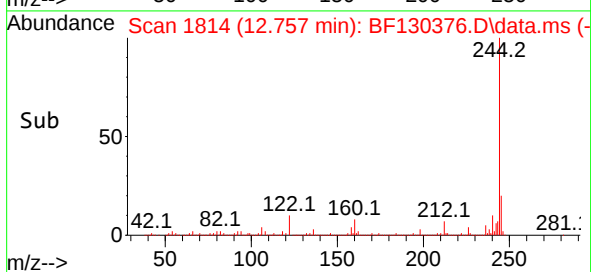
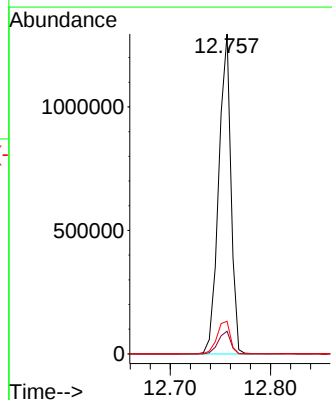
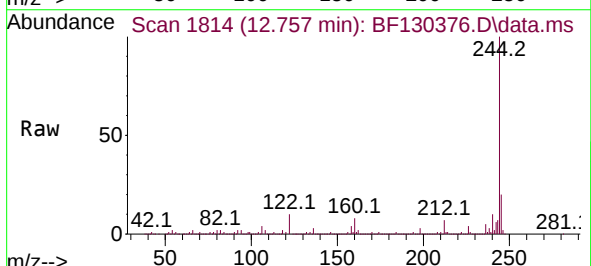
Manual Integrations
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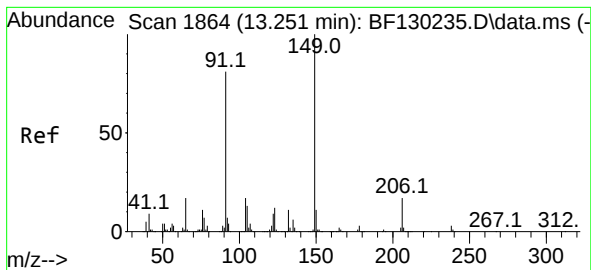
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#79
Terphenyl-d14
Concen: 66.251 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Tgt Ion:244 Resp: 1095010
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.2 8.5 12.7





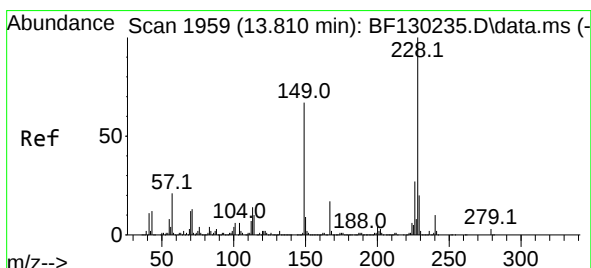
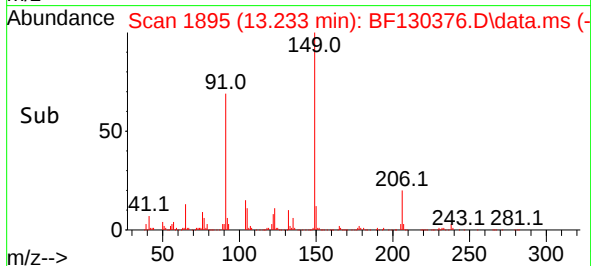
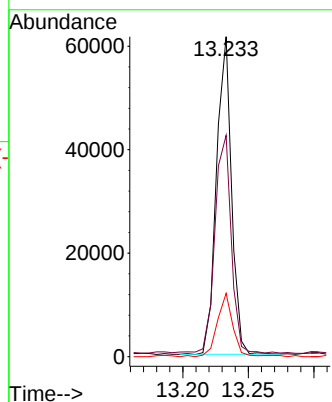
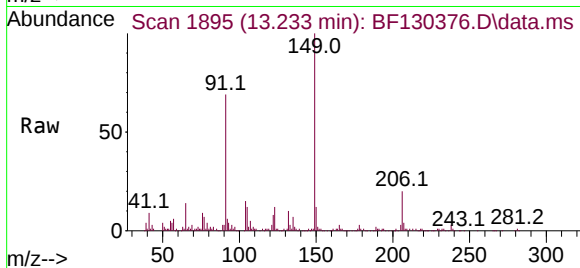
#80
Butylbenzylphthalate
Concen: 5.536 ng
RT: 13.233 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:149 Resp: 49123
Ion Ratio Lower Upper
149 100
91 69.1 59.8 89.8
206 19.8 13.9 20.9

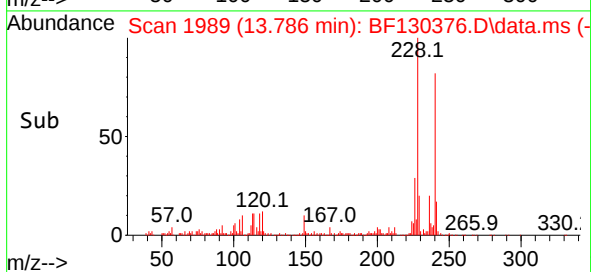
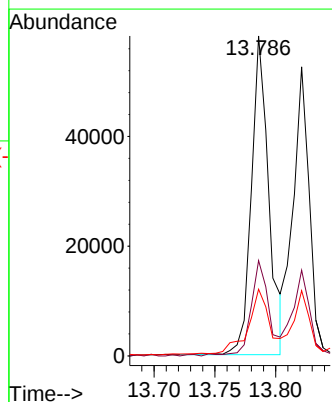
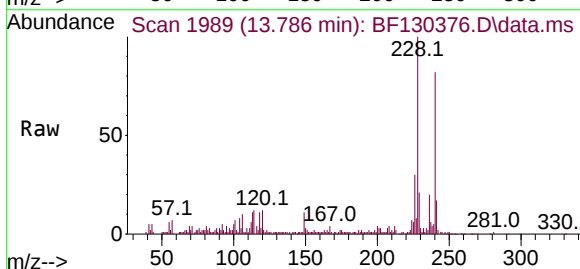
Manual Integrations
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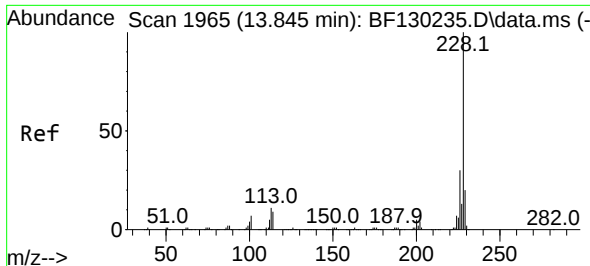
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#81
Benzo(a)anthracene
Concen: 3.173 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

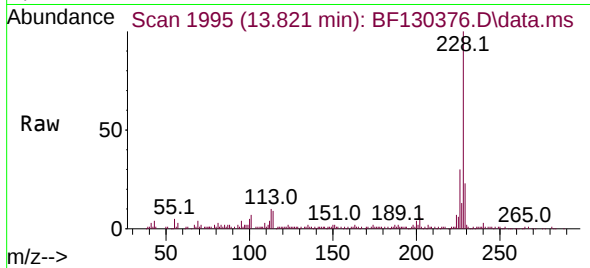
Tgt Ion:228 Resp: 57800
Ion Ratio Lower Upper
228 100
226 29.8 21.9 32.9
229 20.8 16.1 24.1





#83
Chrysene
Concen: 2.819 ng
RT: 13.821 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

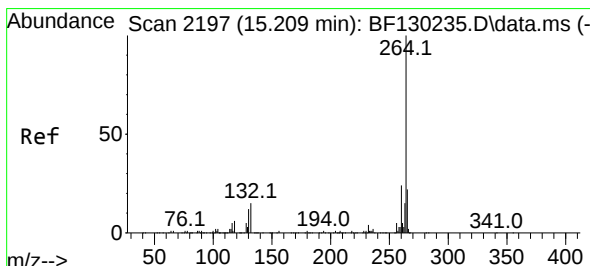
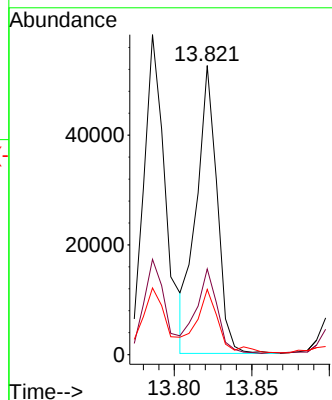
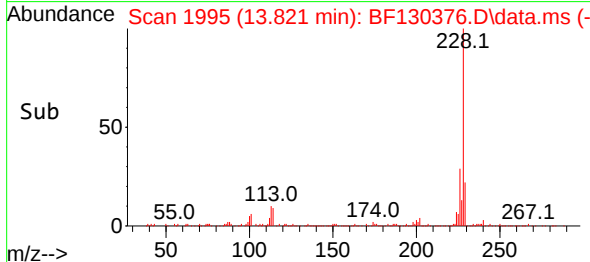
Instrument :
BNA_F
ClientSampleId :
WC-1



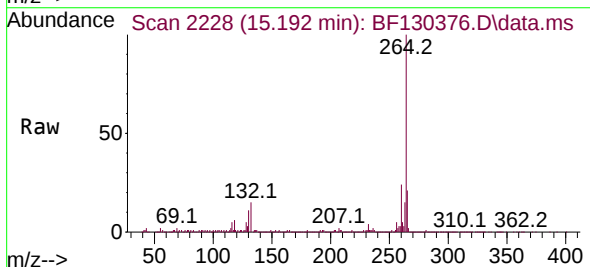
Tgt Ion:228 Resp: 48752
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 22.5 15.3 22.9

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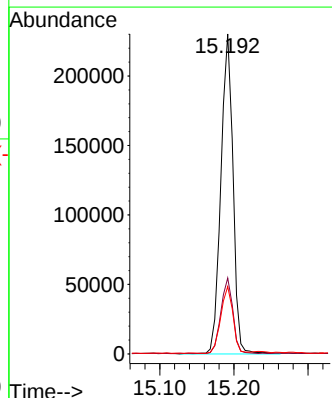
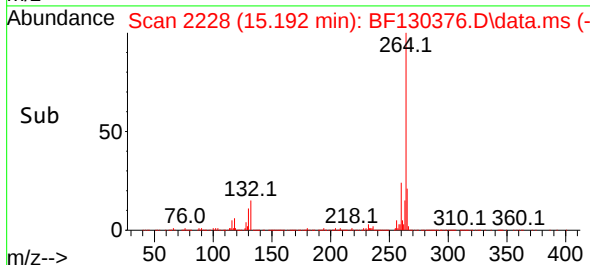
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

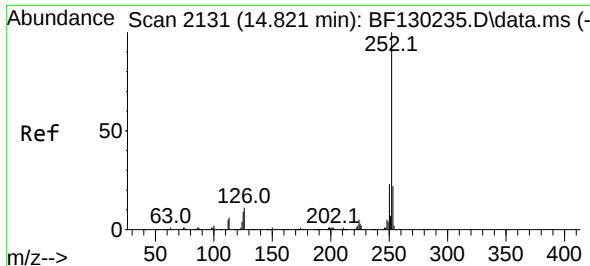


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10



Tgt Ion:264 Resp: 262182
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.0 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 4.607 ng m

RT: 14.798 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Instrument :

BNA_F

ClientSampleId :

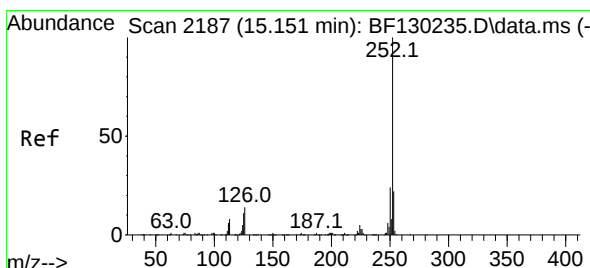
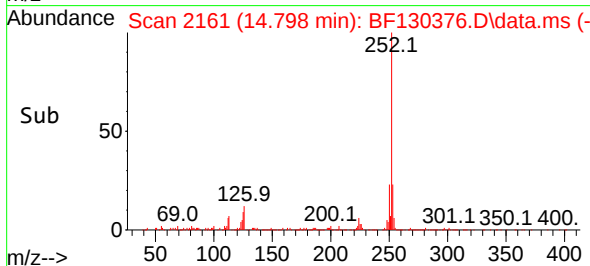
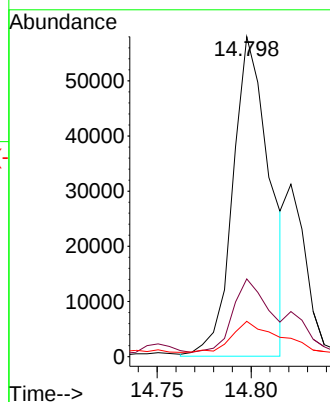
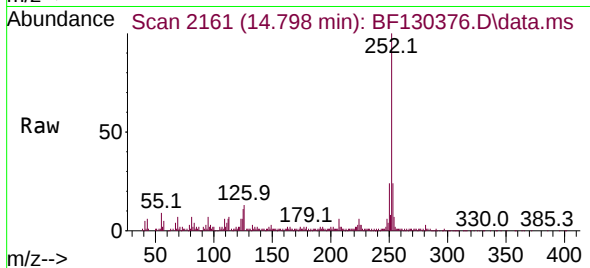
WC-1

Tgt Ion:252 Resp: 78843
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.7 26.5
 125 11.0 8.1 12.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#90

Benzo(a)pyrene

Concen: 3.715 ng

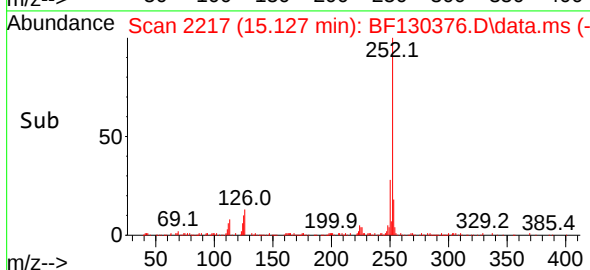
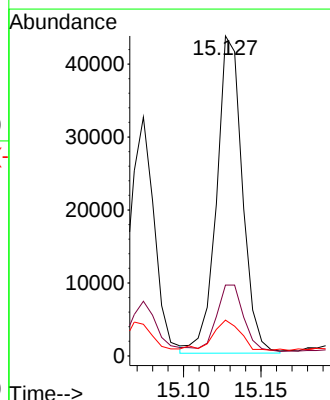
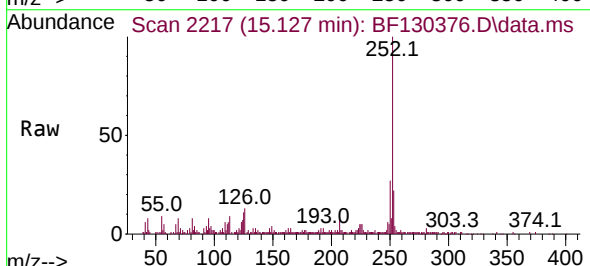
RT: 15.127 min Scan# 2217

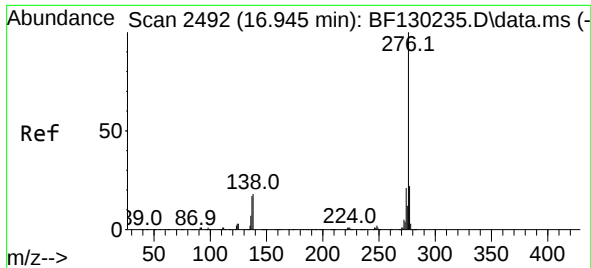
Delta R.T. -0.006 min

Lab File: BF130376.D

Acq: 22 Sep 2022 15:10

Tgt Ion:252 Resp: 50370
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.6
 125 11.2 9.0 13.6





#92
Benzo(g,h,i)perylene
Concen: 2.036 ng
RT: 16.903 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF130376.D
Acq: 22 Sep 2022 15:10

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 276 Resp: 31280
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 16.6 14.6 21.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/23/2022
Supervised By : Jagrut Upadhyay 09/23/2022

