

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129892.D
 Acq On : 18 Aug 2022 23:57
 Operator : CG\JU
 Sample : N4215-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 19 01:07:18 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 18 12:03:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/19/2022
 Supervised By : Jagrut Upadhyay 08/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	103733	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	376829	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	174421	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	256955	20.000	ng	0.00
76) Chrysene-d12	13.968	240	238749	20.000	ng	0.00
86) Perylene-d12	15.433	264	270886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	545519	87.071	ng	0.00
7) Phenol-d6	6.445	99	653377	83.277	ng	0.00
23) Nitrobenzene-d5	7.357	82	406441	57.738	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	125101	71.463	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	670182	58.357	ng	0.00
79) Terphenyl-d14	12.904	244	591291	41.209	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.692	152	48402	3.044	ng	100
71) Phenanthrene	11.345	178	294735	20.538	ng	99
72) Anthracene	11.398	178	55380	3.881	ng	99
75) Fluoranthene	12.539	202	600211	40.872	ng	99
78) Pyrene	12.769	202	615642	29.674	ng	100
81) Benzo(a)anthracene	13.957	228	311104	18.942	ng	97
83) Chrysene	13.998	228	331740	21.578	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	200232	10.767	ng	95
88) Benzo(b)fluoranthene	15.010	252	469109m	25.290	ng	
89) Benzo(k)fluoranthene	15.033	252	125280m	7.043	ng	
90) Benzo(a)pyrene	15.374	252	326420	22.346	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	53577m	3.492	ng	
92) Benzo(g,h,i)perylene	17.345	276	192640	12.584	ng	96

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

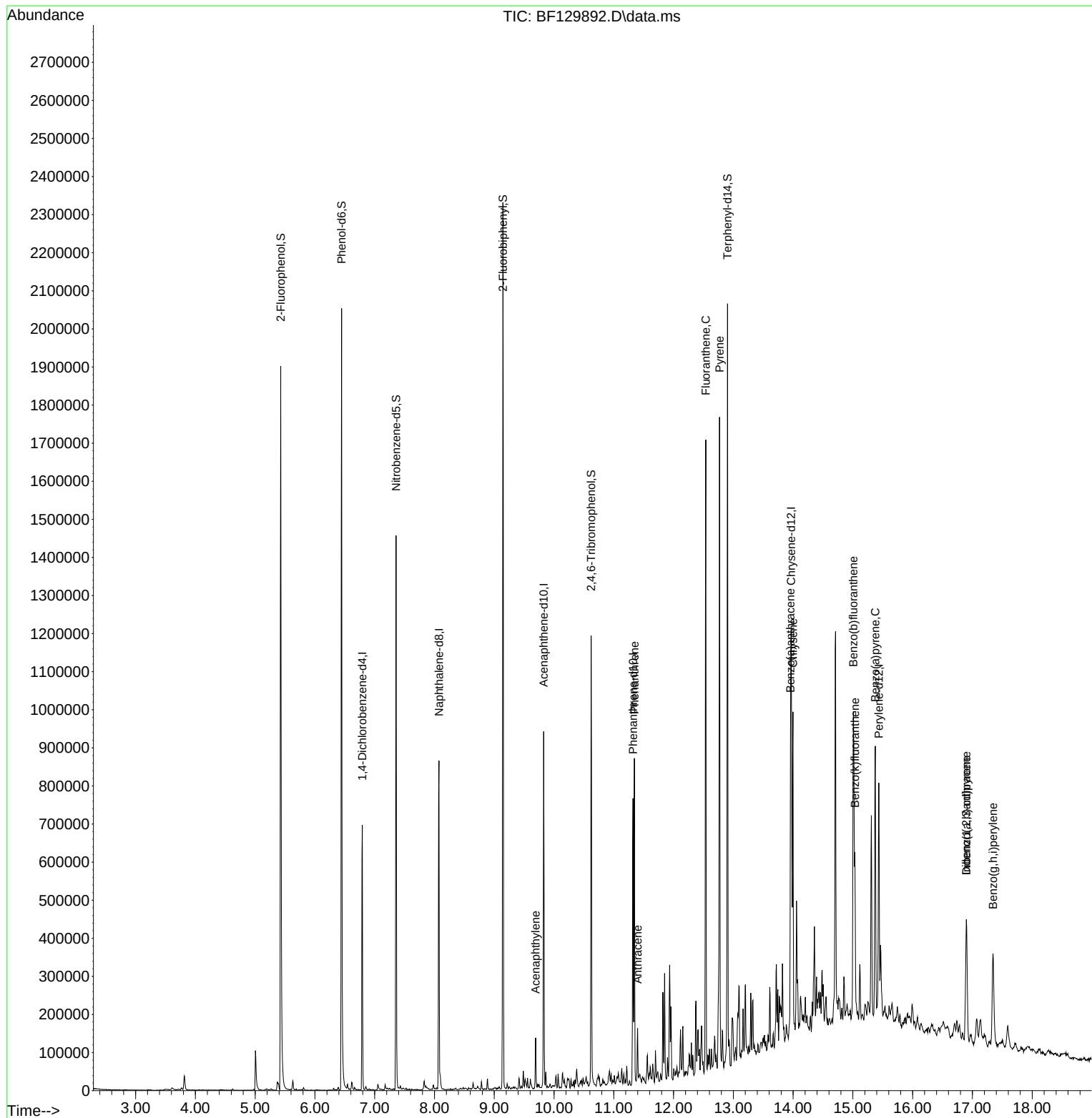
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

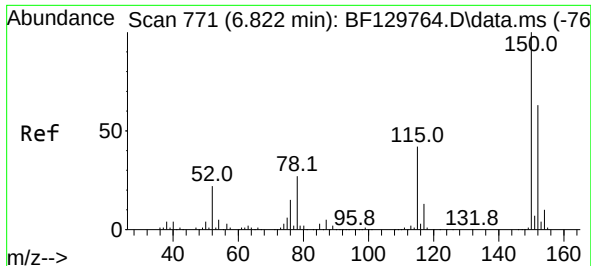
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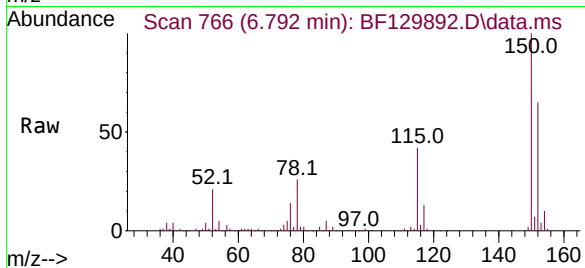
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

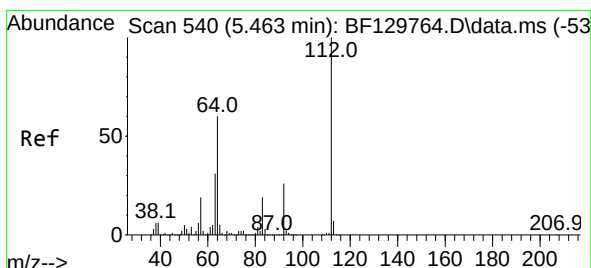
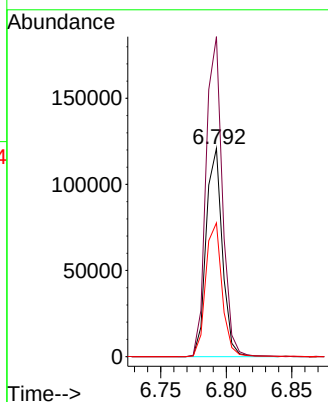
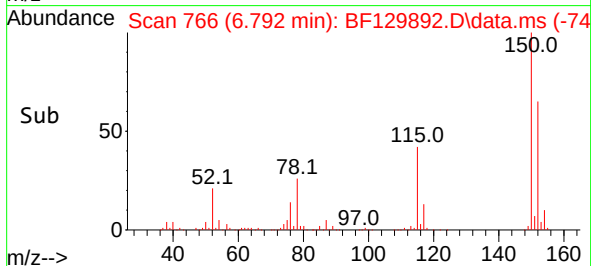
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 103733
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 64.2 53.4 80.0

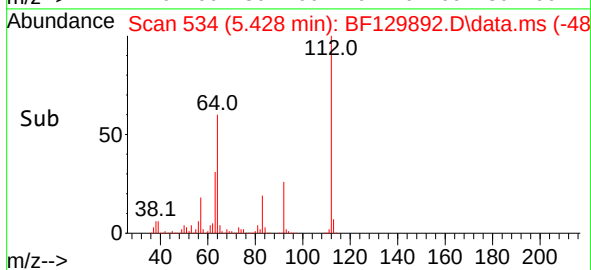
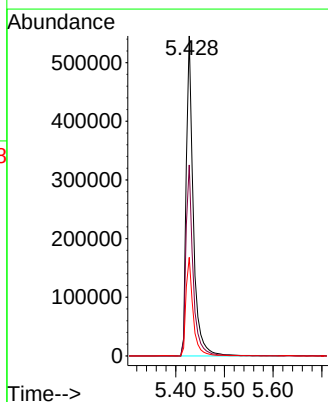
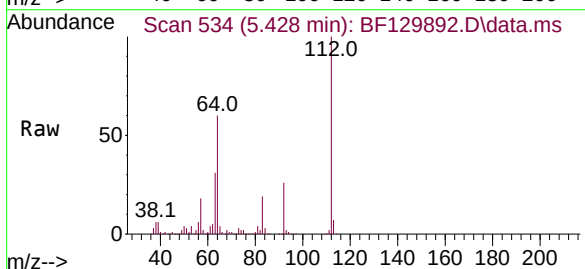
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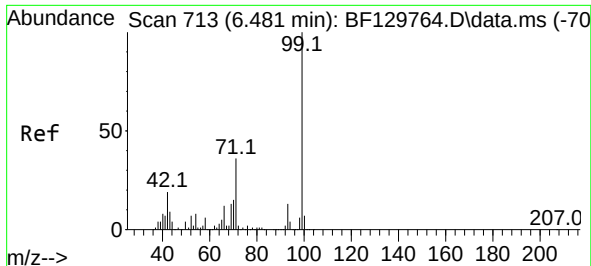
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#5
2-Fluorophenol
Concen: 87.071 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

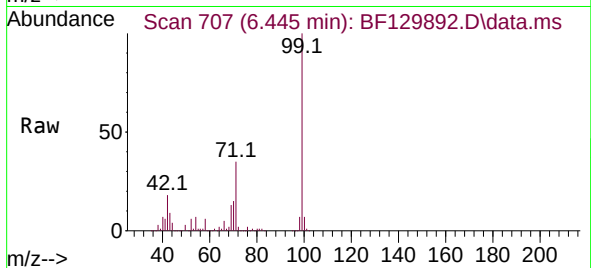
Tgt Ion:112 Resp: 545519
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.8 24.6 37.0





#7
Phenol-d6
Concen: 83.277 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

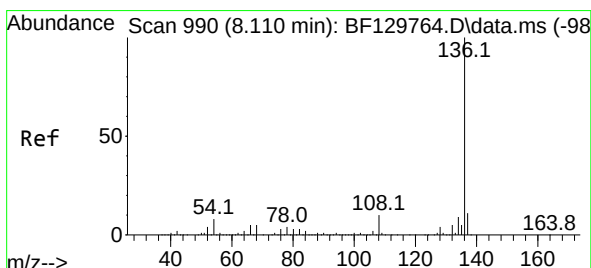
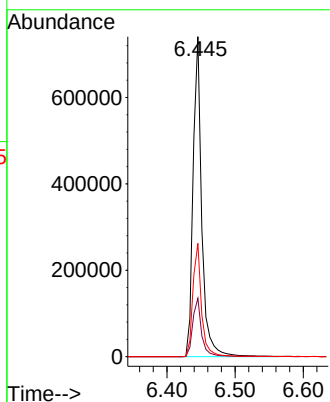
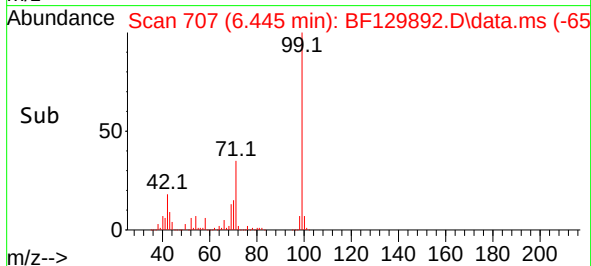
Instrument :
BNA_F
ClientSampleId :
WC-1



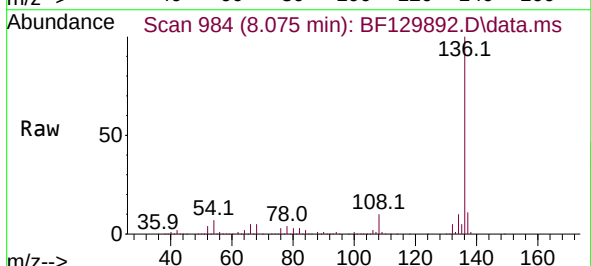
Tgt Ion: 99 Resp: 653372
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.4 28.8 43.2

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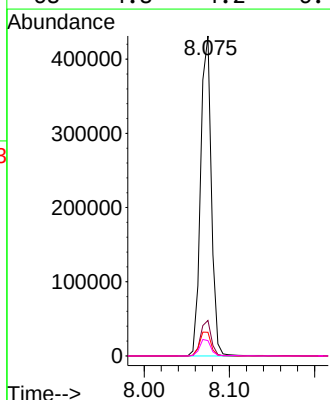
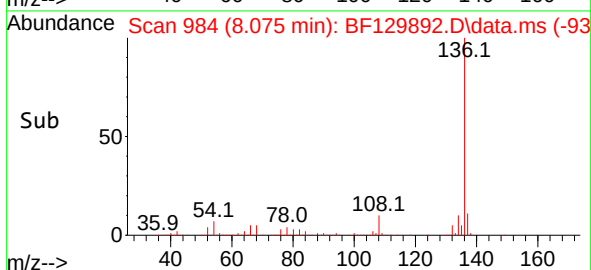
Reviewed By :Christian Giraldo 08/19/2022
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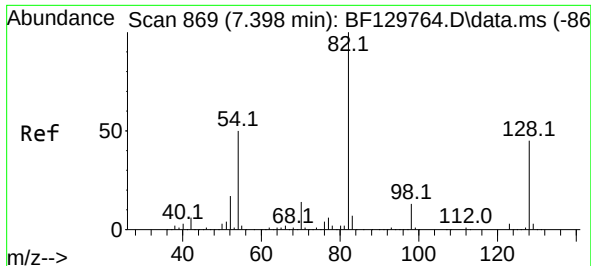


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57



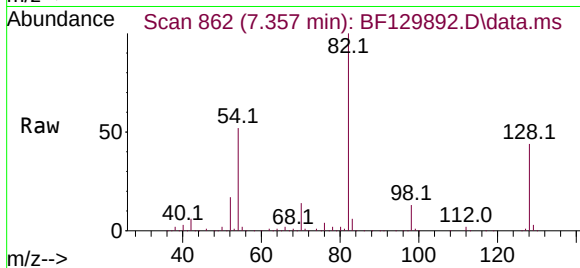
Tgt Ion:136 Resp: 376829
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 4.8 4.2 6.4





#23
Nitrobenzene-d5
Concen: 57.738 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

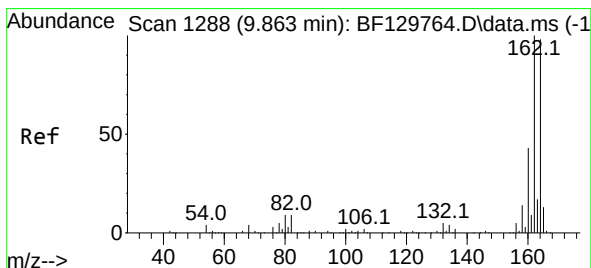
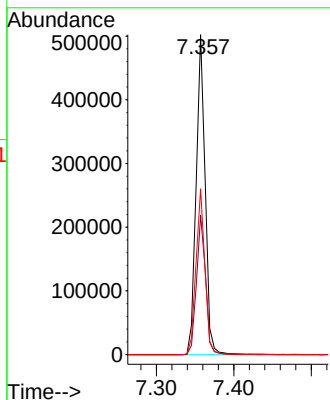
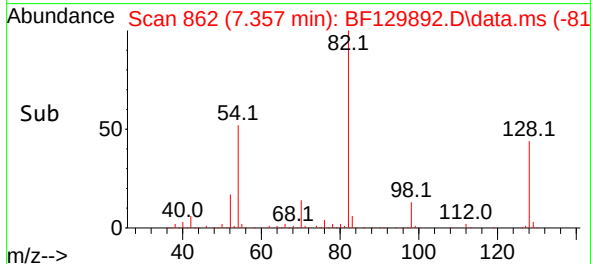
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 82 Resp: 406441
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 51.8 40.0 60.0

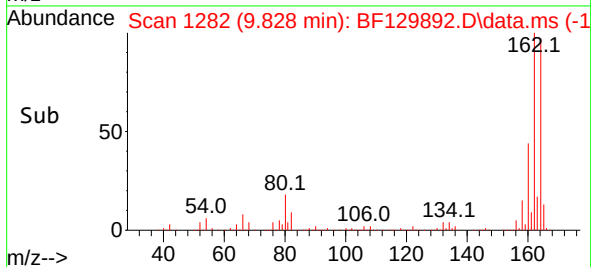
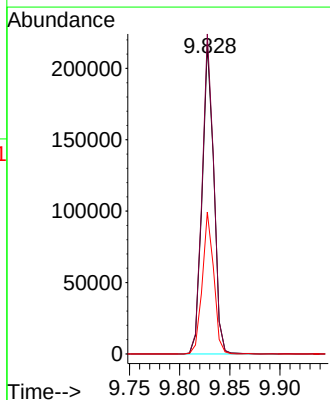
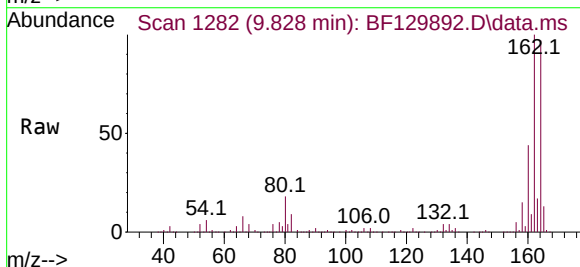
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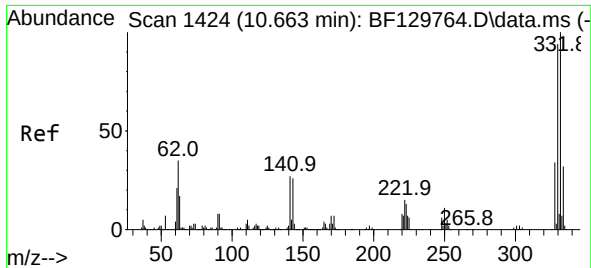
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

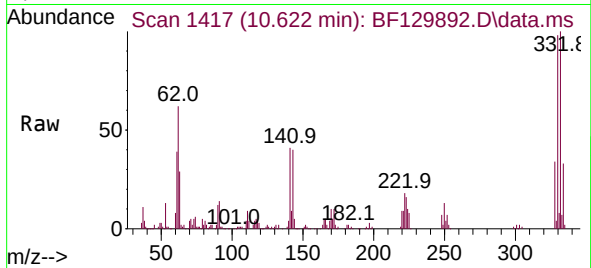
Tgt Ion:164 Resp: 174421
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 45.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 71.463 ng
RT: 10.622 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

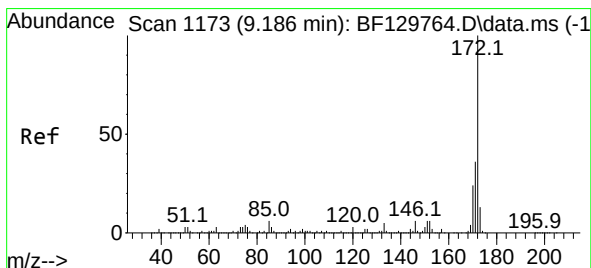
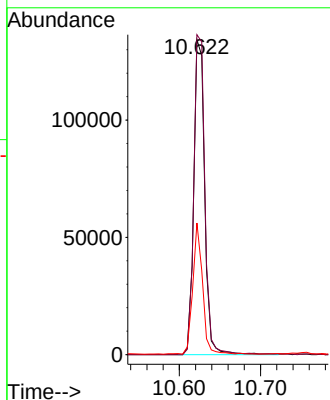
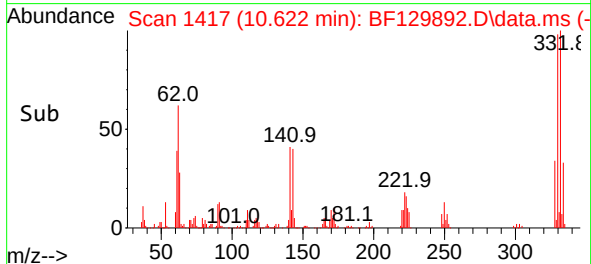
Instrument :
BNA_F
ClientSampleId :
WC-1



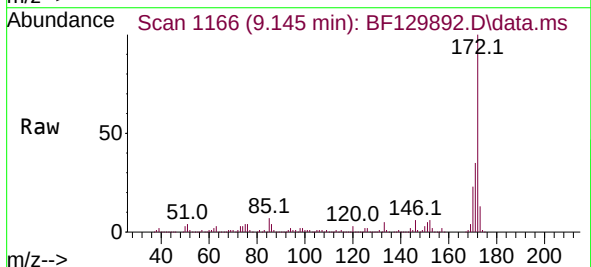
Tgt Ion: 330 Resp: 125100
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 37.3 27.6 41.4

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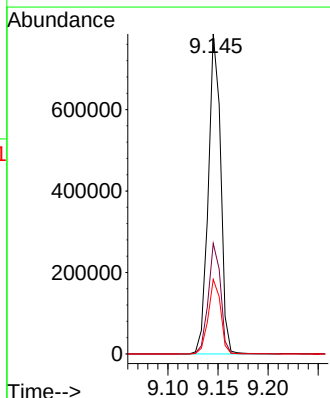
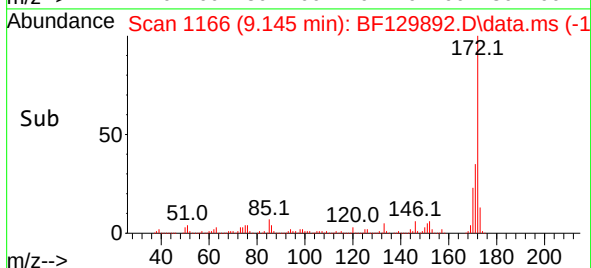
Reviewed By : Christian Giraldo 08/19/2022
Supervised By : Jagrut Upadhyay 08/19/2022

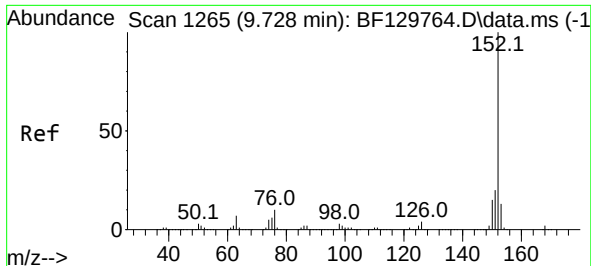


#45
2-Fluorobiphenyl
Concen: 58.357 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57



Tgt Ion: 172 Resp: 670182
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.3 19.1 28.7





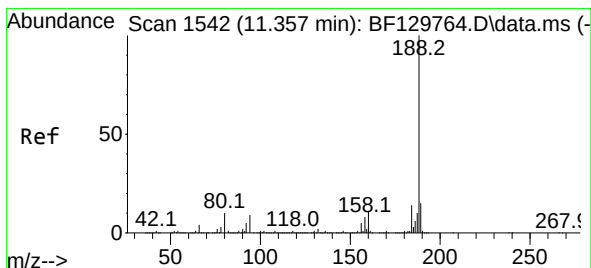
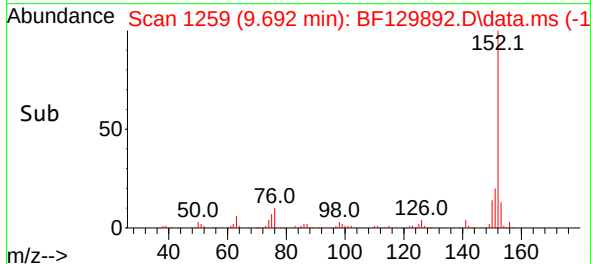
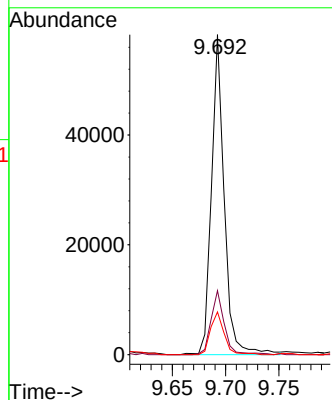
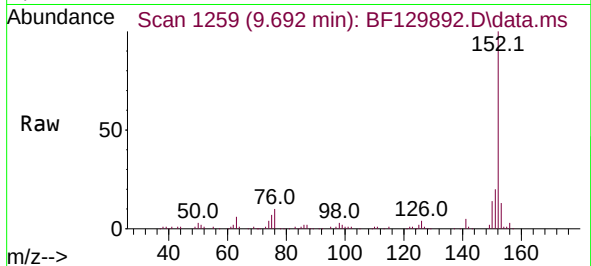
#49
Acenaphthylene
Concen: 3.044 ng
RT: 9.692 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 48402
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.6 16.0

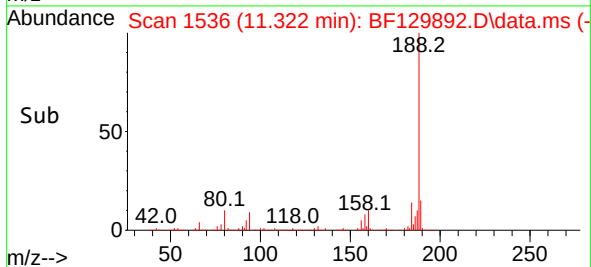
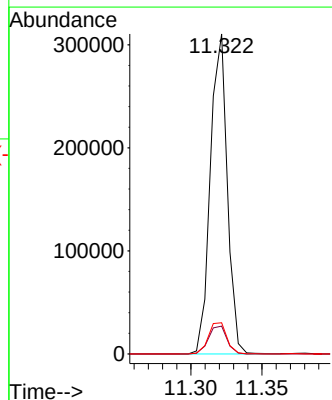
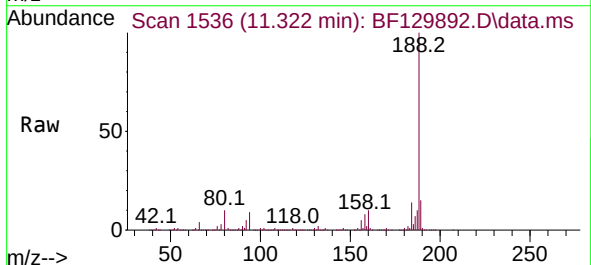
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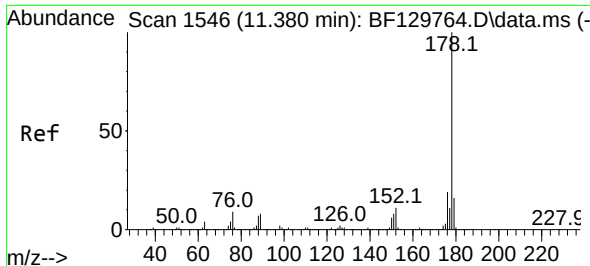
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

Tgt Ion:188 Resp: 256955
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.7 7.9 11.9





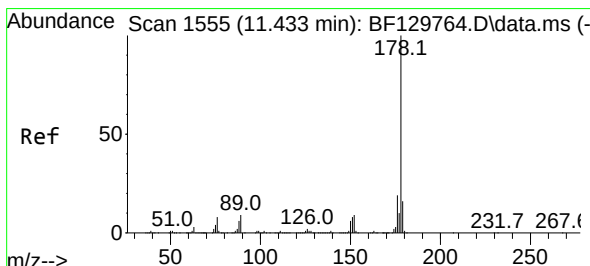
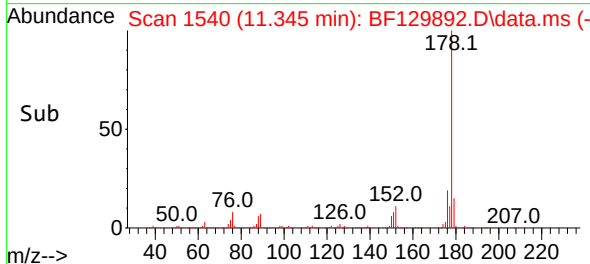
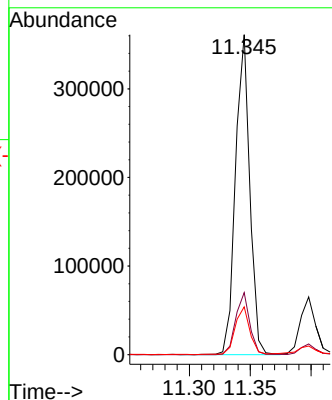
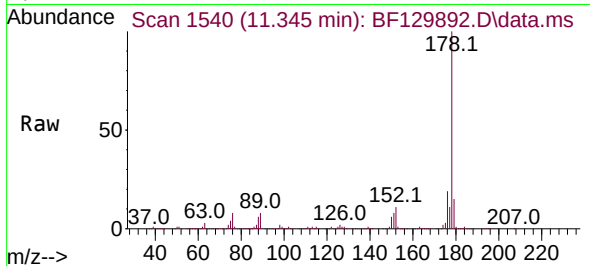
#71
Phenanthrene
Concen: 20.538 ng
RT: 11.345 min Scan# 11345
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:178 Resp: 294735
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 14.9 12.5 18.7

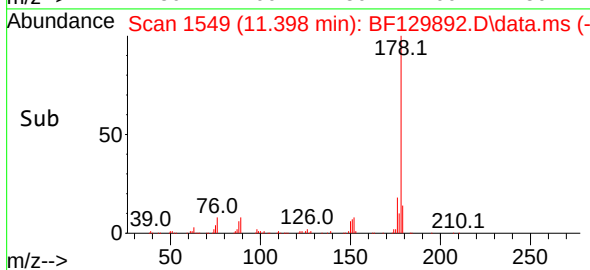
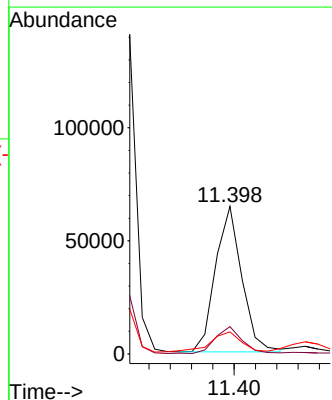
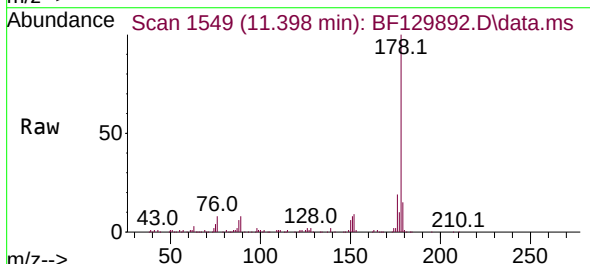
Manual Integrations
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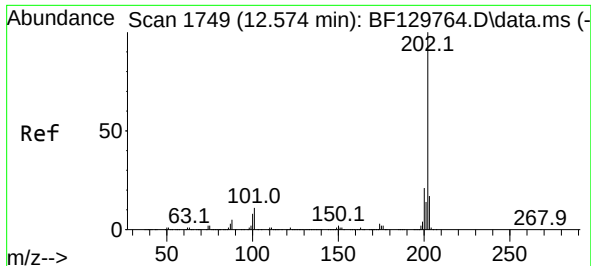
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#72
Anthracene
Concen: 3.881 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

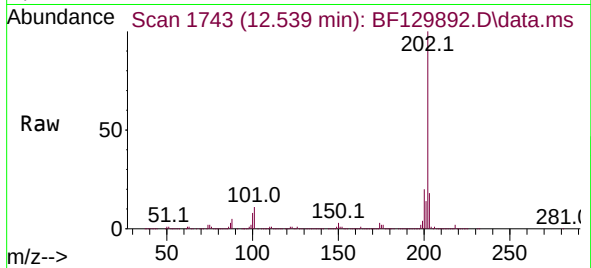
Tgt Ion:178 Resp: 55380
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 14.9 12.6 18.8





#75
Fluoranthene
Concen: 40.872 ng
RT: 12.539 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

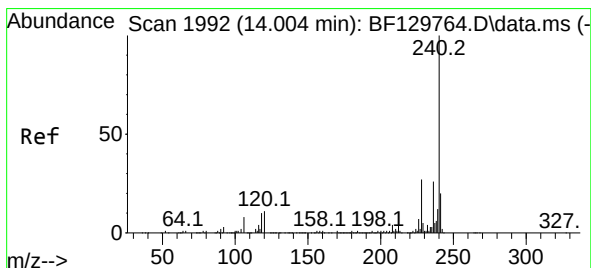
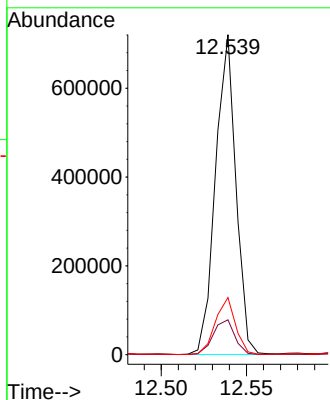
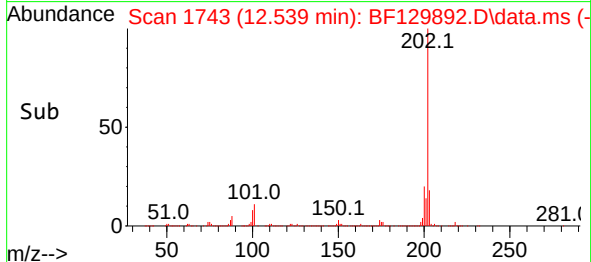
Instrument :
BNA_F
ClientSampleId :
WC-1



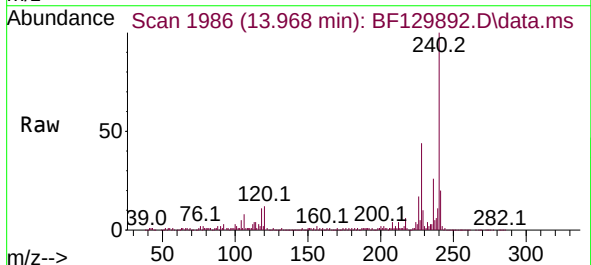
Tgt Ion:202 Resp: 600211
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.8 0.0 37.5

Manual Integrations
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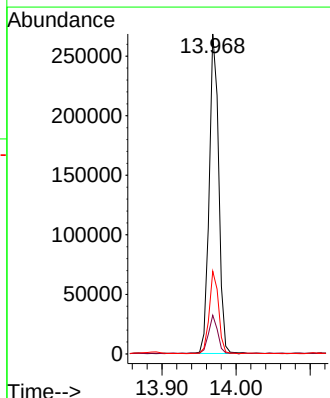
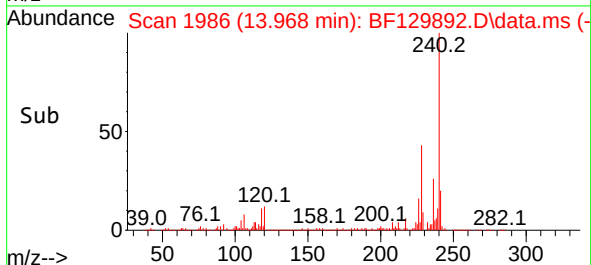
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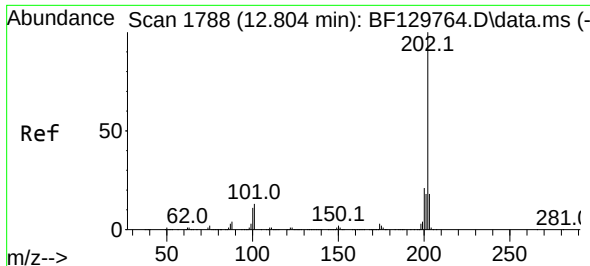


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57



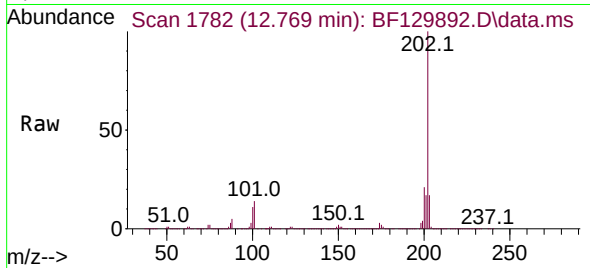
Tgt Ion:240 Resp: 238749
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.8 20.7 31.1





#78
Pyrene
Concen: 29.674 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

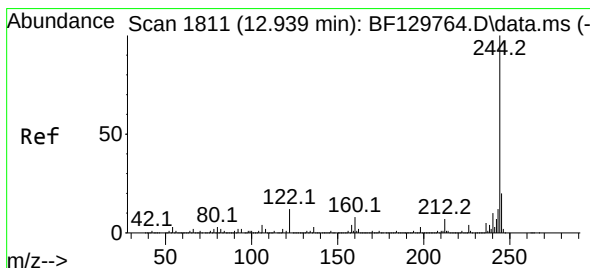
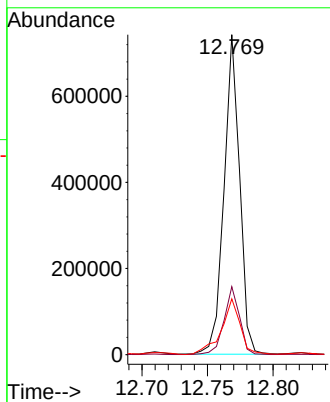
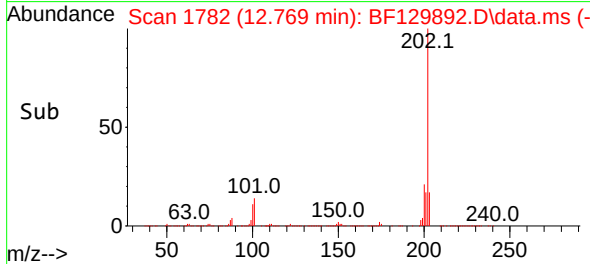
Instrument :
BNA_F
ClientSampleId :
WC-1



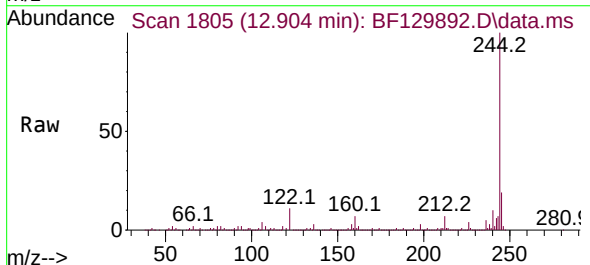
Tgt Ion:202 Resp: 615642
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.4 14.1 21.1

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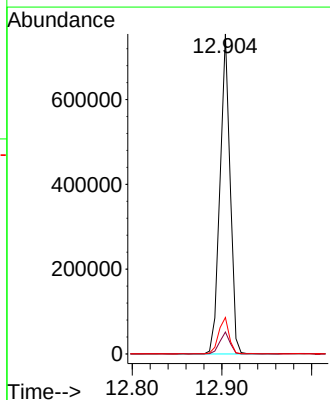
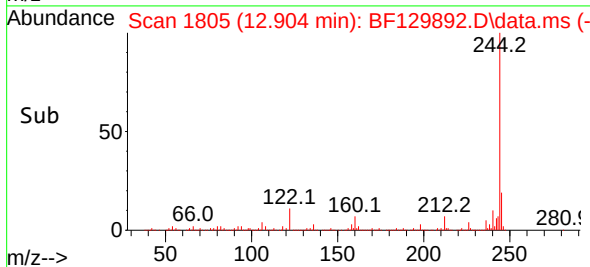
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

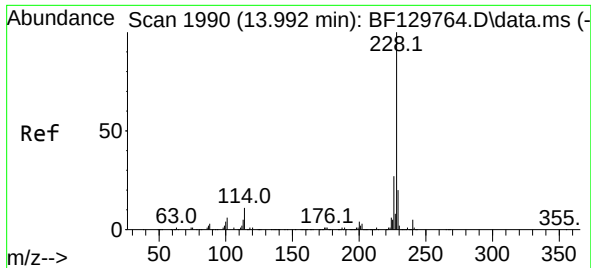


#79
Terphenyl-d14
Concen: 41.209 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57



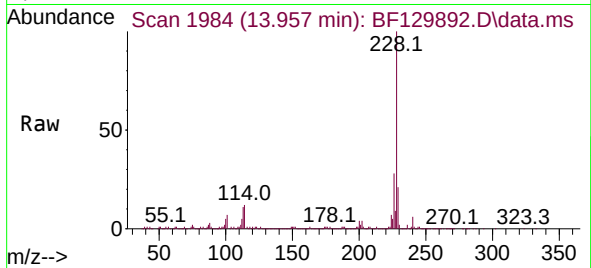
Tgt Ion:244 Resp: 591291
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.4 9.9 14.9





#81
Benzo(a)anthracene
Concen: 18.942 ng
RT: 13.957 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

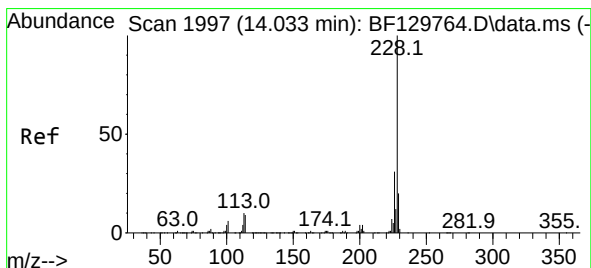
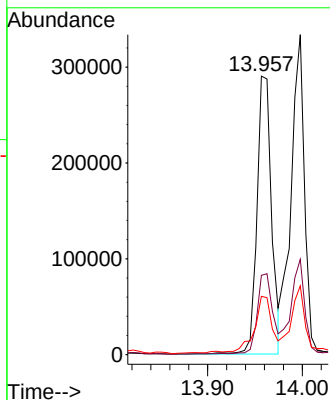
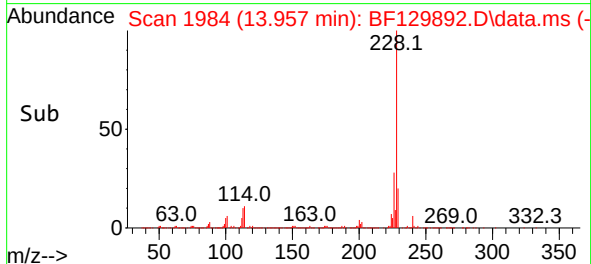
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:228 Resp: 311104
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.0
229 21.0 16.1 24.1

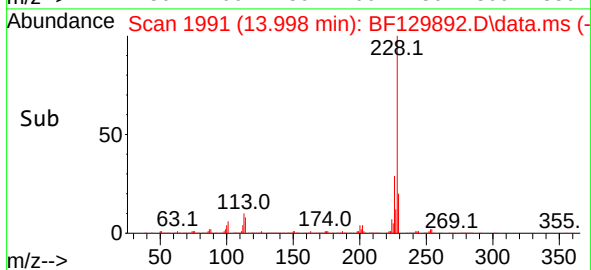
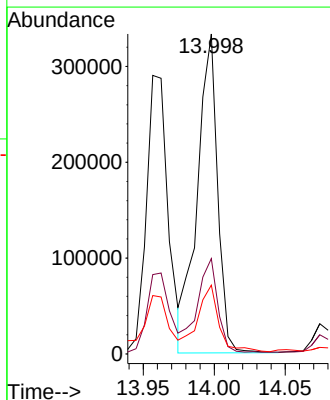
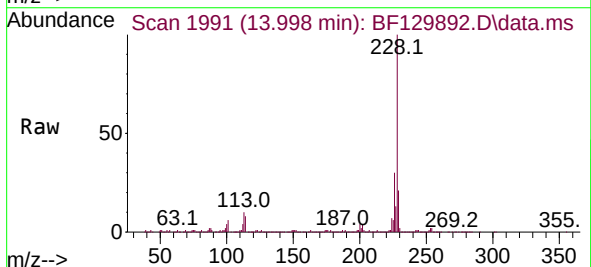
Manual Integrations
APPROVED

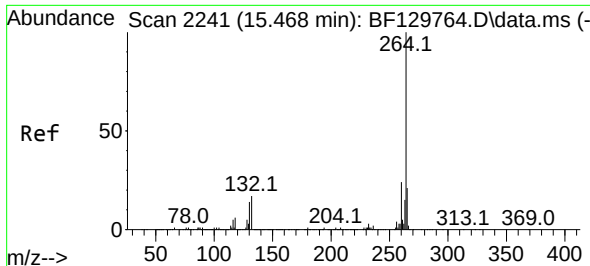
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#83
Chrysene
Concen: 21.578 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

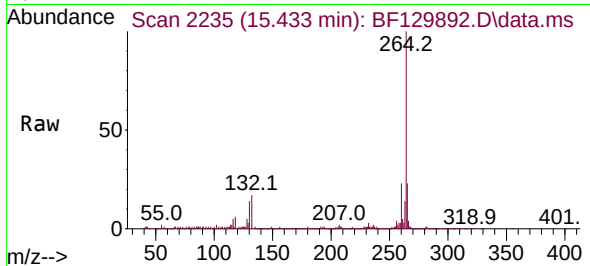
Tgt Ion:228 Resp: 331740
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.5 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

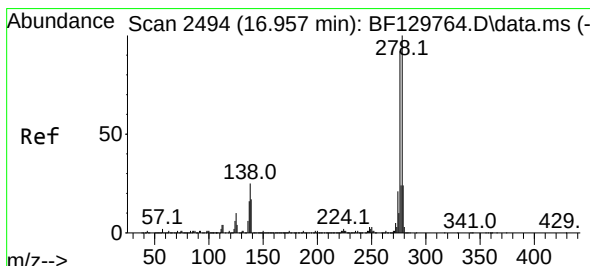
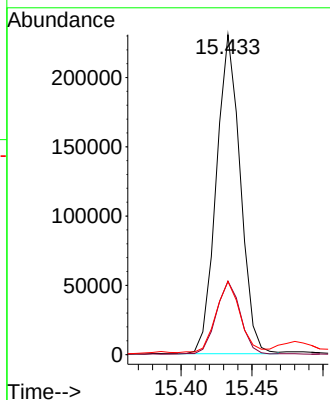
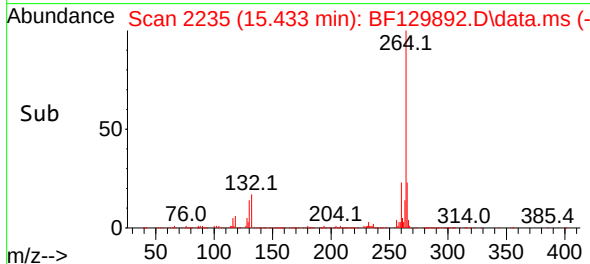
Instrument :
BNA_F
ClientSampleId :
WC-1



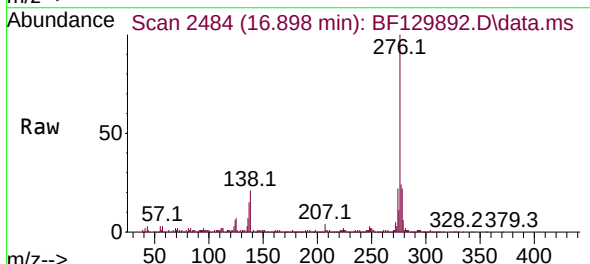
Tgt Ion:264 Resp: 270886
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 22.9 16.7 25.1

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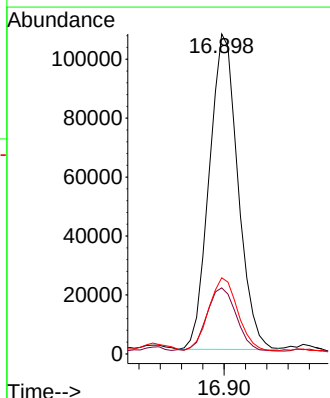
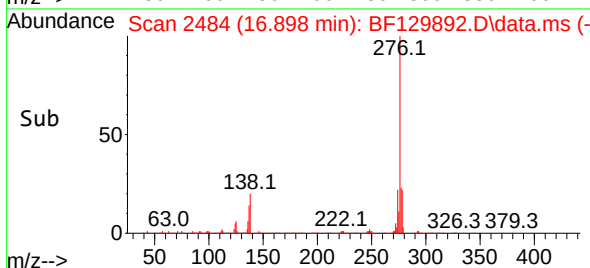
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

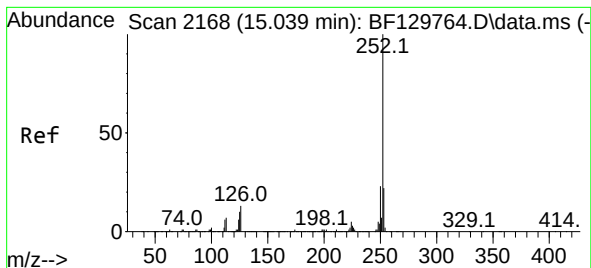


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.767 ng
RT: 16.898 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57



Tgt Ion:276 Resp: 200232
Ion Ratio Lower Upper
276 100
138 21.9 19.8 29.8
277 23.6 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 25.290 ng m

RT: 15.010 min Scan# 2167

Delta R.T. 0.006 min

Lab File: BF129892.D

Acq: 18 Aug 2022 23:57

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:252 Resp: 469109

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

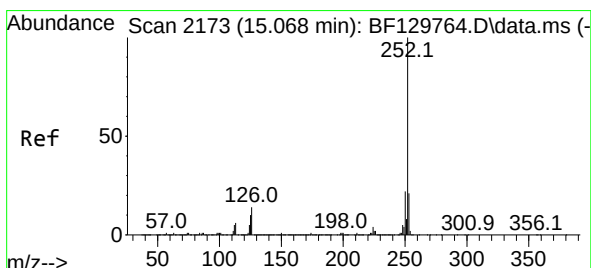
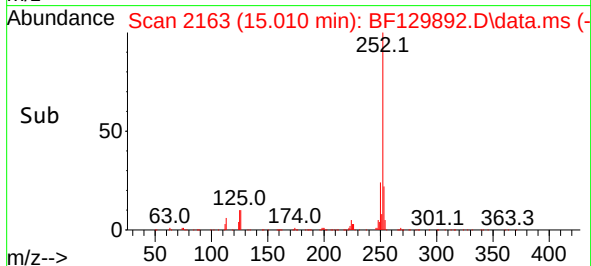
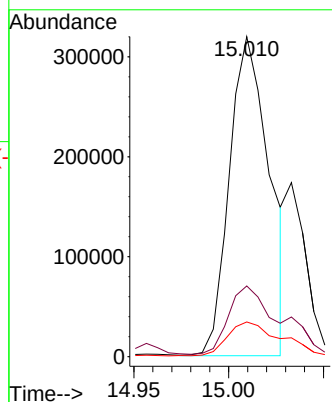
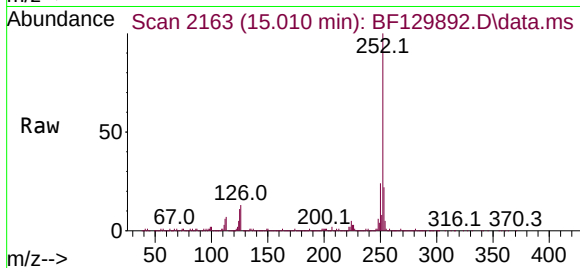
125 10.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#89

Benzo(k)fluoranthene

Concen: 7.043 ng m

RT: 15.033 min Scan# 2167

Delta R.T. 0.000 min

Lab File: BF129892.D

Acq: 18 Aug 2022 23:57

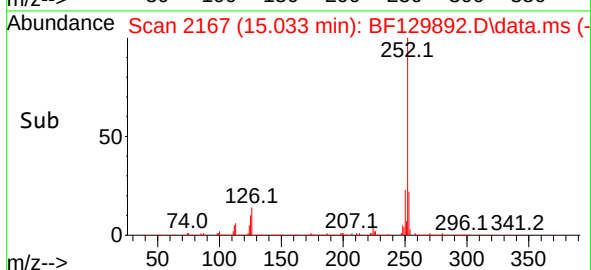
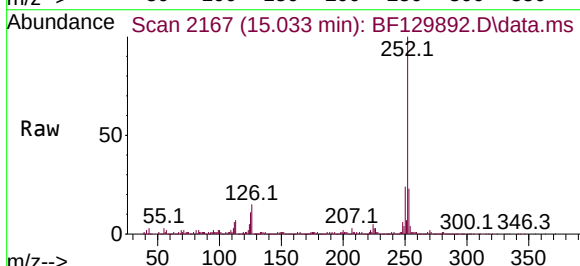
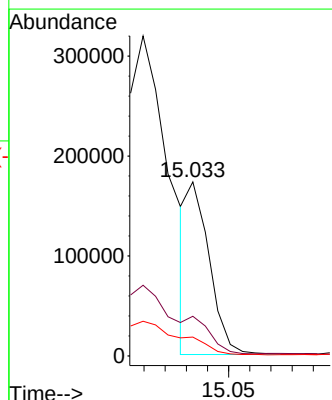
Tgt Ion:252 Resp: 125280

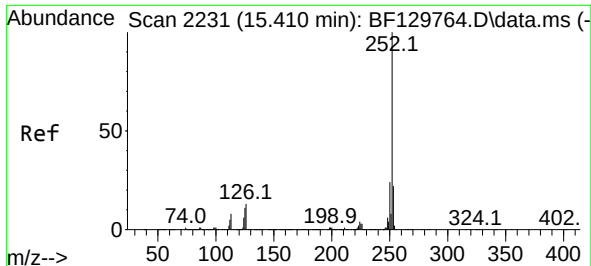
Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

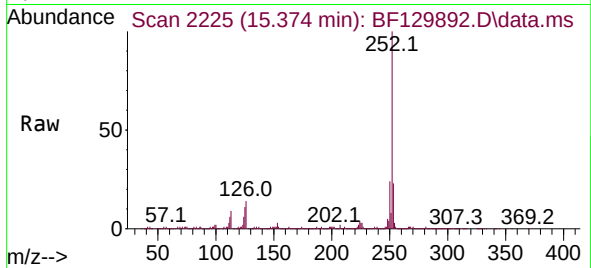
125 10.8 8.3 12.5





#90
Benzo(a)pyrene
Concen: 22.346 ng
RT: 15.374 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

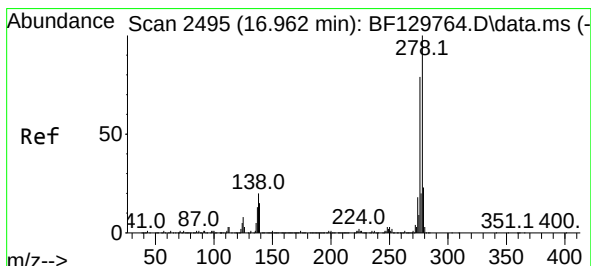
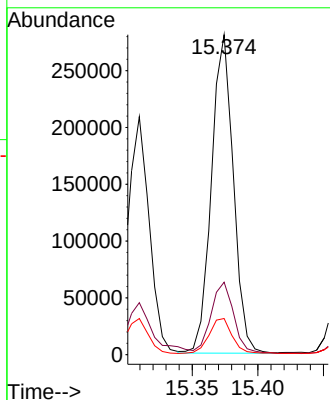
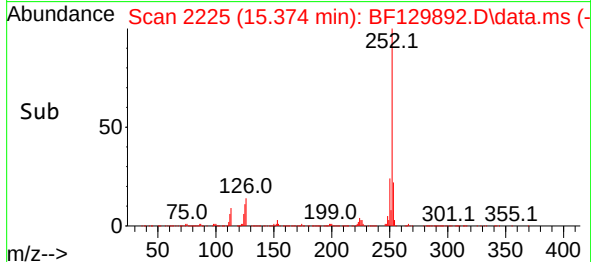
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:252 Resp: 326420
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.3 8.8 13.2

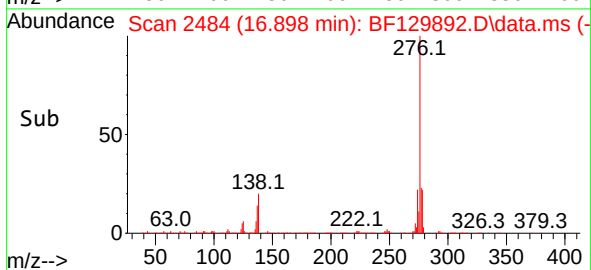
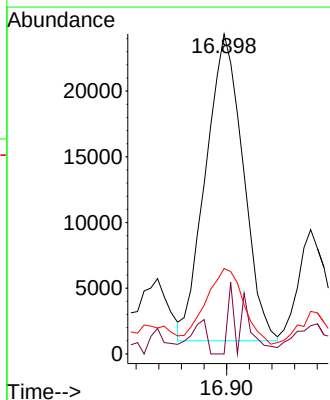
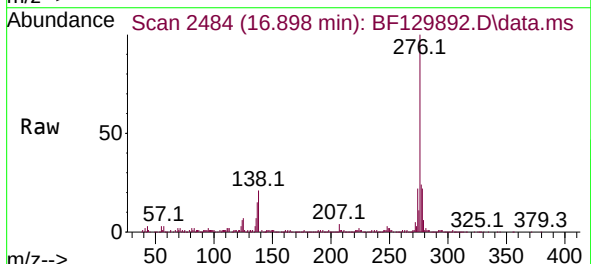
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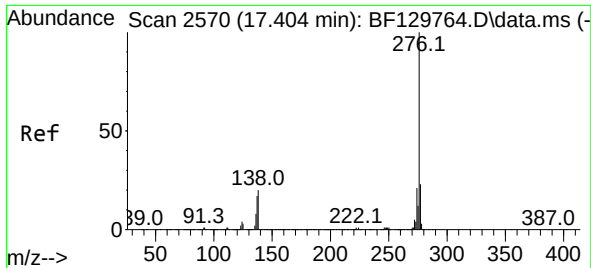
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.492 ng m
RT: 16.898 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BF129892.D
Acq: 18 Aug 2022 23:57

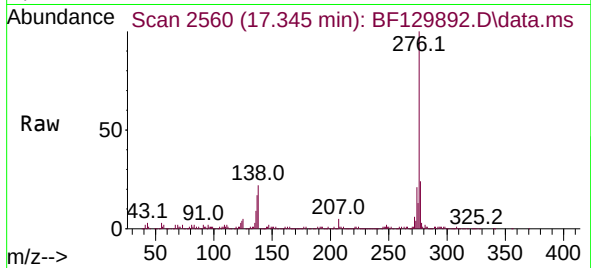
Tgt Ion:278 Resp: 53577
Ion Ratio Lower Upper
278 100
139 0.0 12.2 18.4#
279 26.7 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 12.584 ng
 RT: 17.345 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BF129892.D
 Acq: 18 Aug 2022 23:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion: 276 Resp: 192640
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.2 27.4
 138 21.7 15.8 23.8

Manual Integrations
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Reviewed By : Christian Giraldo 08/19/2022
 Supervised By : Jagrut Upadhyay 08/19/2022

