

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126996.D
 Acq On : 22 Feb 2022 01:56
 Operator : CG\JU
 Sample : N1579-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(3.0-3.5)

Quant Time: Feb 22 03:55:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	84041	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	349273	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	180316	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	297976	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	127810	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	152144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	580829	106.819	ng	0.00
7) Phenol-d6	6.539	99	779484	106.238	ng	0.00
23) Nitrobenzene-d5	7.481	82	561236	72.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	173019	83.339	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	890088	72.670	ng	0.00
79) Terphenyl-d14	13.033	244	698785	80.373	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.469	178	159273	9.550	ng	99
75) Fluoranthene	12.657	202	187349	11.831	ng	95
78) Pyrene	12.892	202	287372	25.880	ng	98
81) Benzo(a)anthracene	14.074	228	88519	10.273	ng	98
83) Chrysene	14.110	228	85150	10.509	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	32217	3.229	ng	# 85
90) Benzo(a)pyrene	15.515	252	68751m	8.614	ng	

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

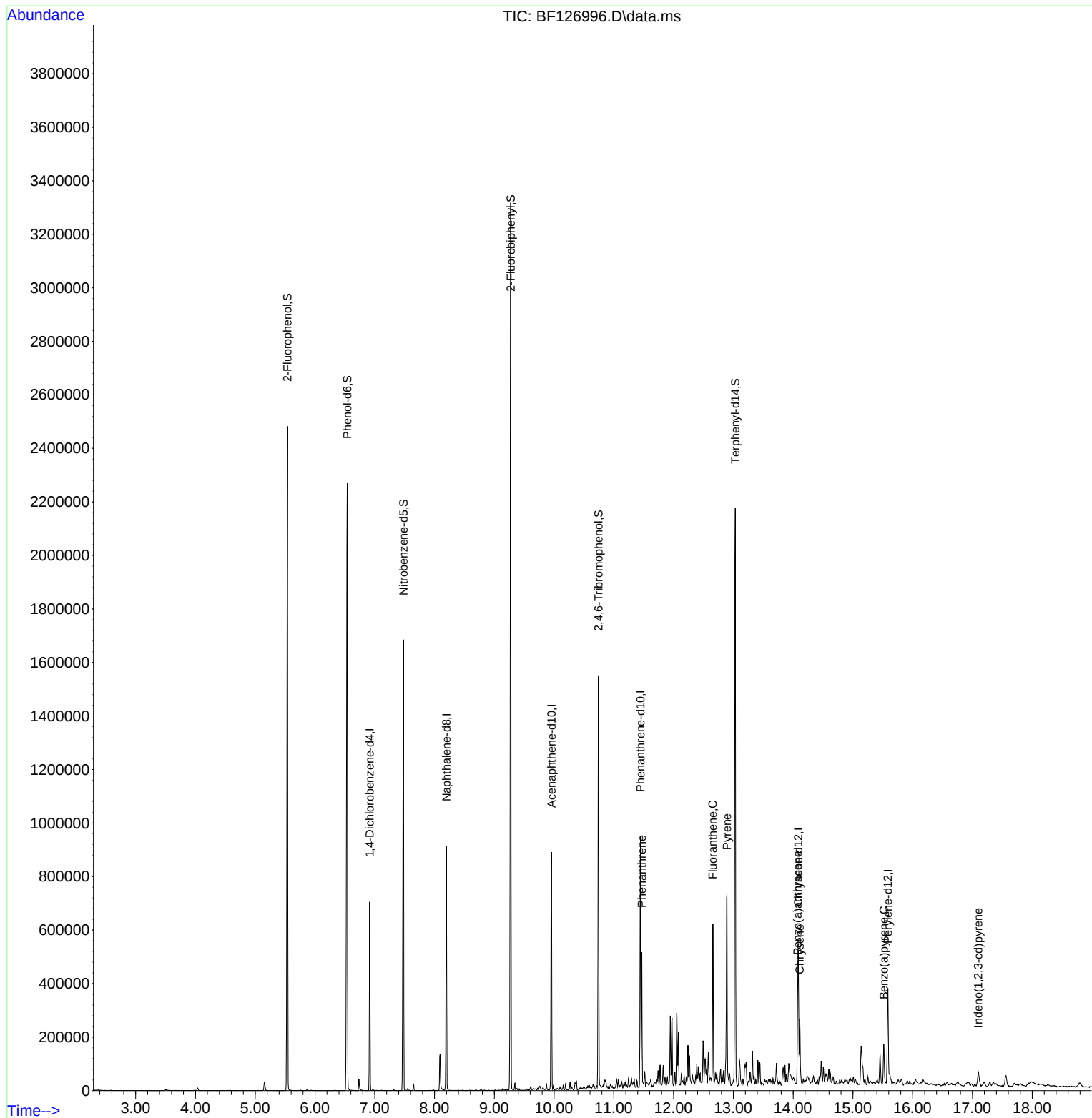
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
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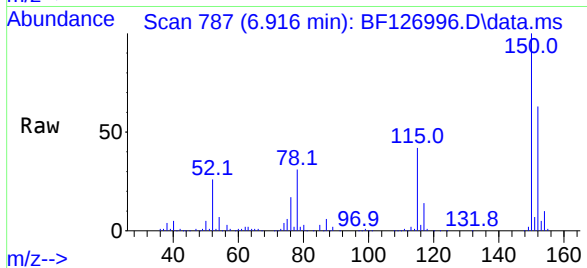
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

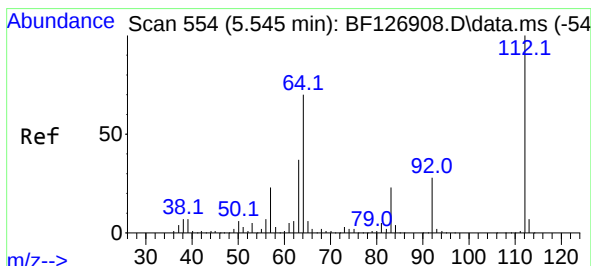
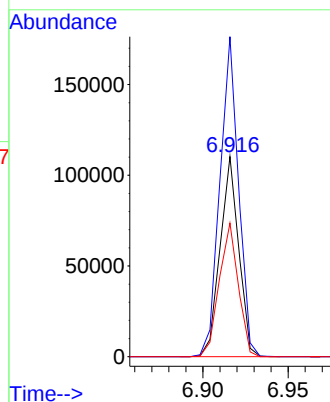


Tgt Ion:152 Resp: 8404
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 66.7 56.7 85.1

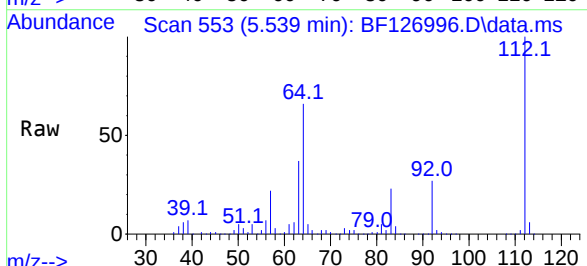
Manual Integrations

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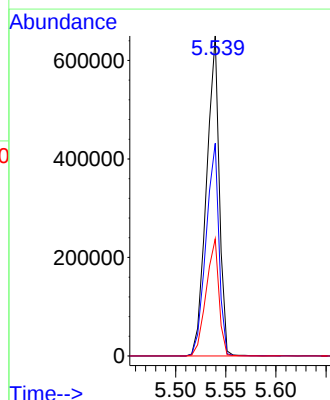
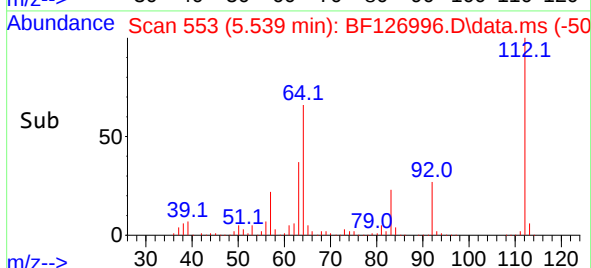
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

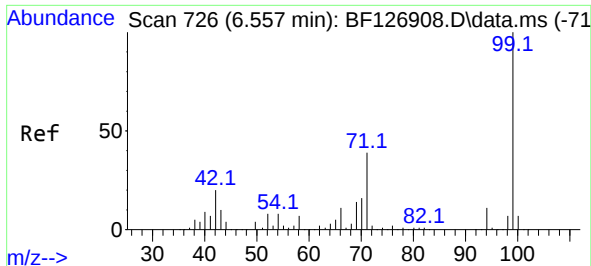


#5
2-Fluorophenol
Concen: 106.819 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



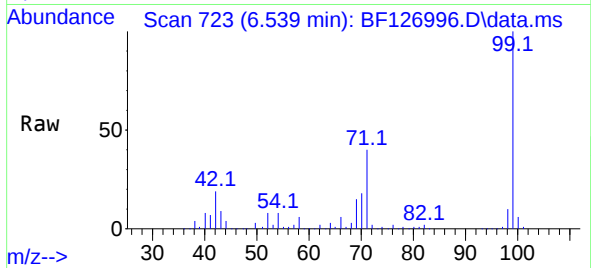
Tgt Ion:112 Resp: 580829
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 36.6 23.9 35.9





#7
Phenol-d6
Concen: 106.238 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

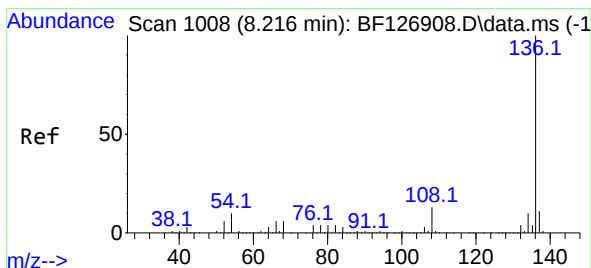
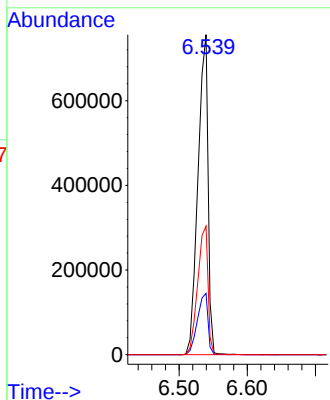
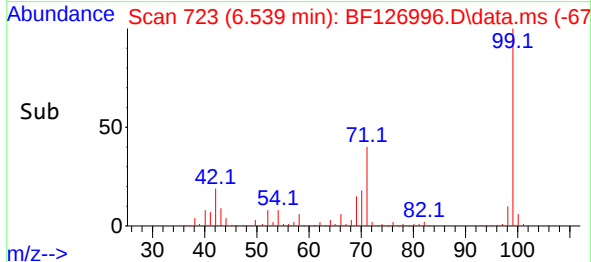
Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)



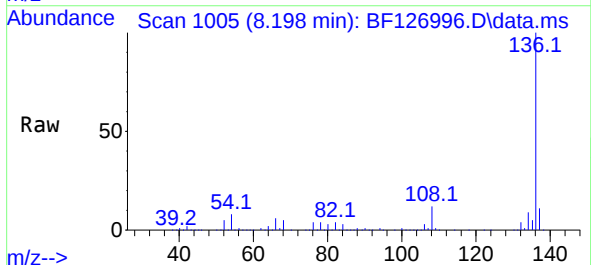
Tgt Ion: 99 Resp: 779484
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 40.2 24.3 36.5

Manual Integrations
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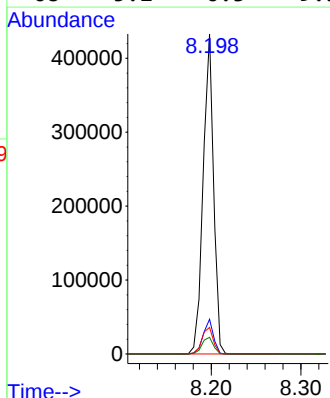
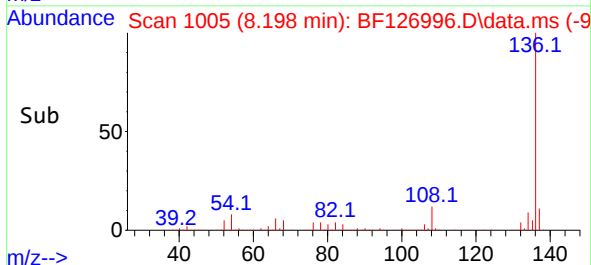
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



Tgt Ion:136 Resp: 349273
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.8 11.6
68 5.2 6.3 9.5





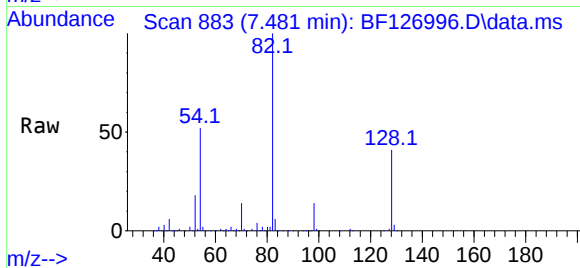
#23
Nitrobenzene-d5
Concen: 72.530 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

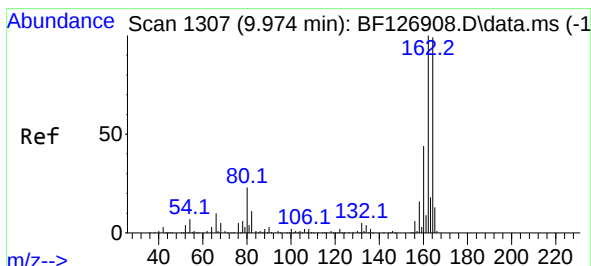
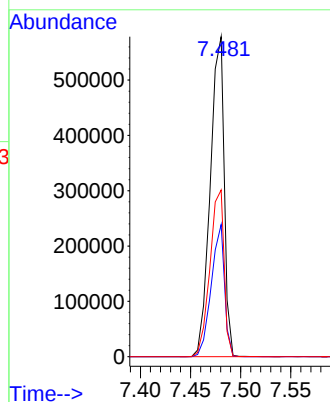
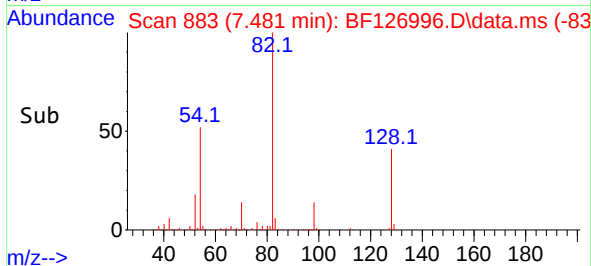


Tgt Ion: 82 Resp: 561230
Ion Ratio Lower Upper
82 100
128 41.3 32.7 49.1
54 52.1 41.7 62.5

Manual Integrations

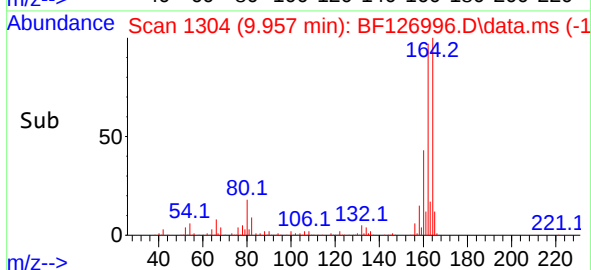
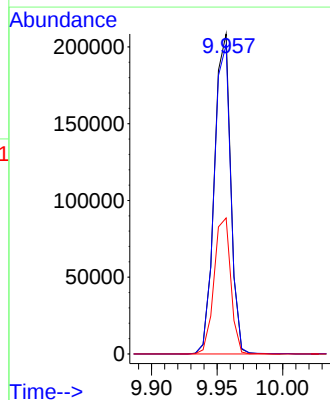
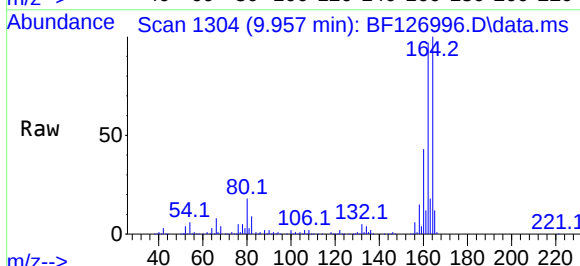
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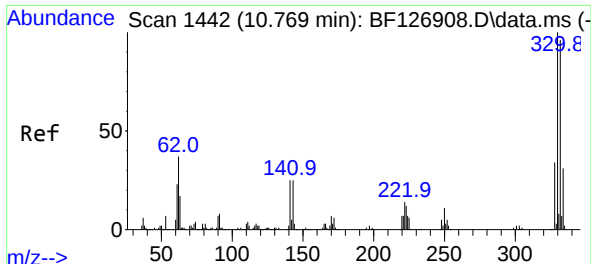
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Tgt Ion:164 Resp: 180316
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 42.5 36.6 54.8





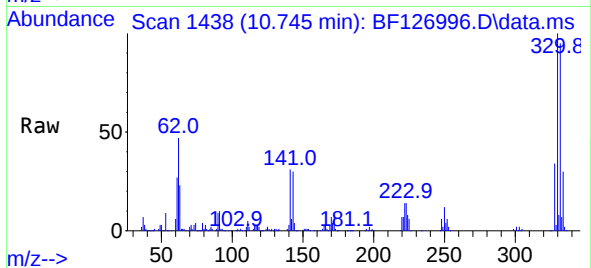
#42
2,4,6-Tribromophenol
Concen: 83.339 ng
RT: 10.745 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

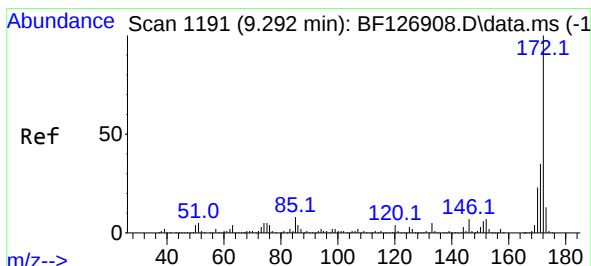
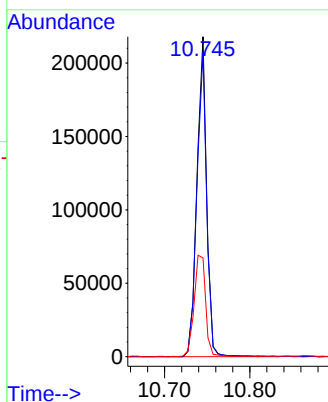
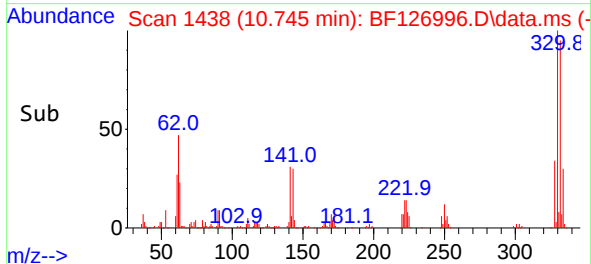


Tgt Ion:330 Resp: 173019
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 37.9 30.1 45.1

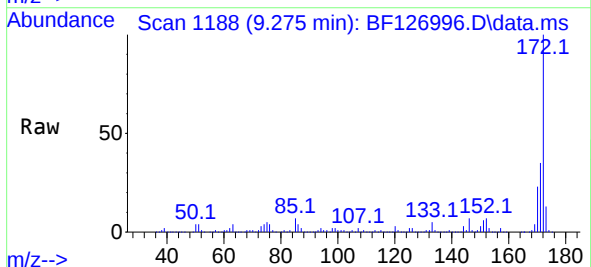
Manual Integrations

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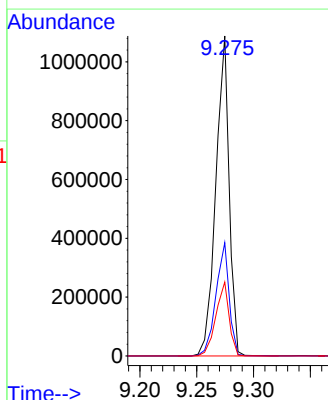
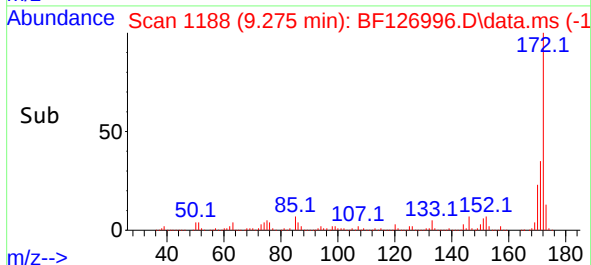
Reviewed By :Christian Giraldo 02/22/2022
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#45
2-Fluorobiphenyl
Concen: 72.670 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



Tgt Ion:172 Resp: 890088
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.1 19.0 28.6





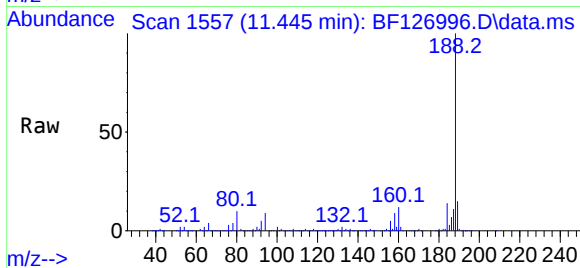
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

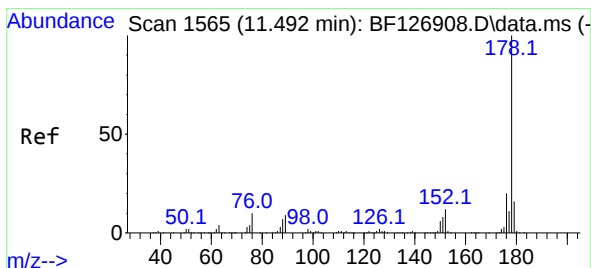
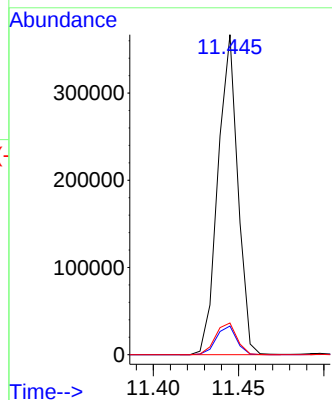
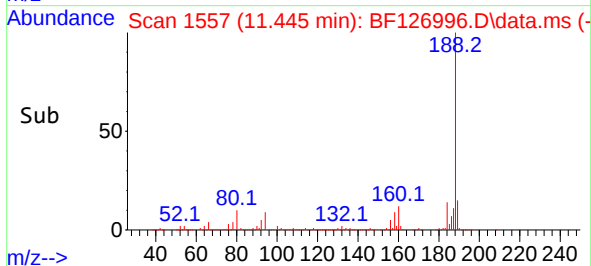


Tgt Ion:188 Resp: 297970
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1
80 9.9 11.8 17.6

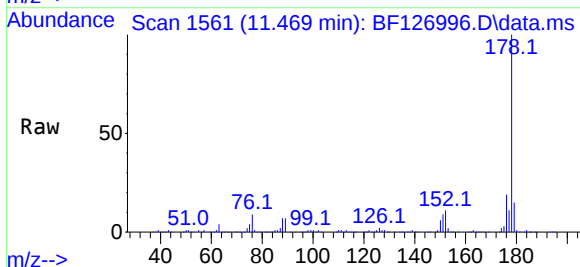
Manual Integrations

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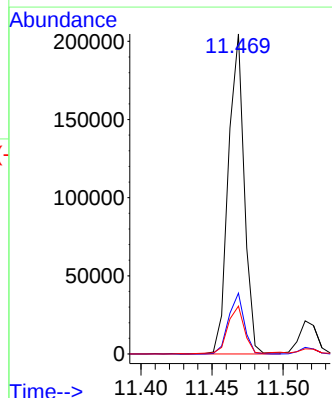
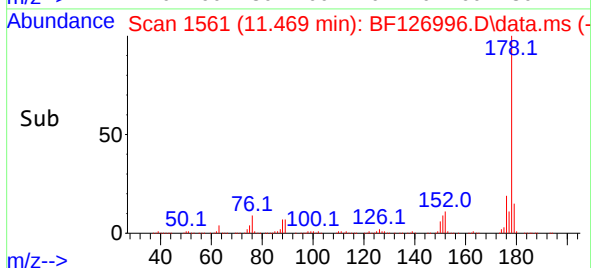
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

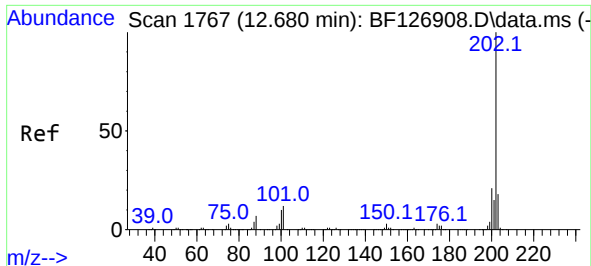


#71
Phenanthrene
Concen: 9.550 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



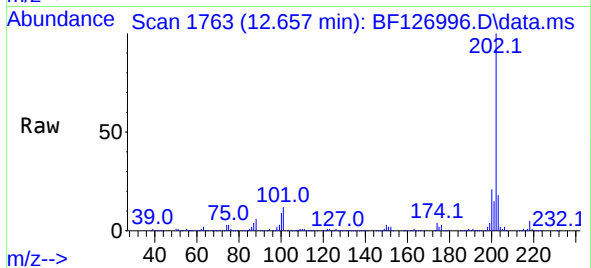
Tgt Ion:178 Resp: 159273
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 14.9 12.3 18.5





#75
Fluoranthene
Concen: 11.831 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

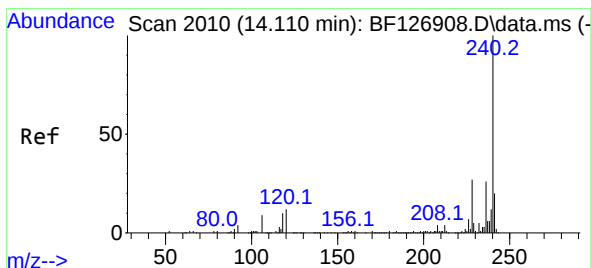
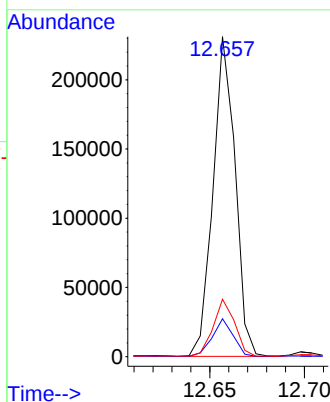
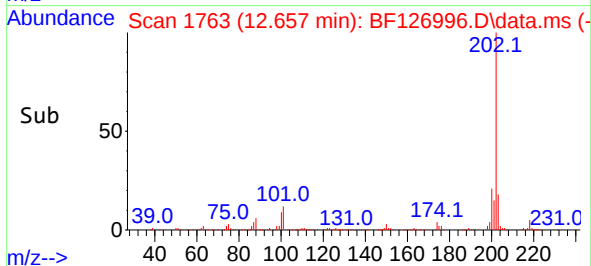
Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)



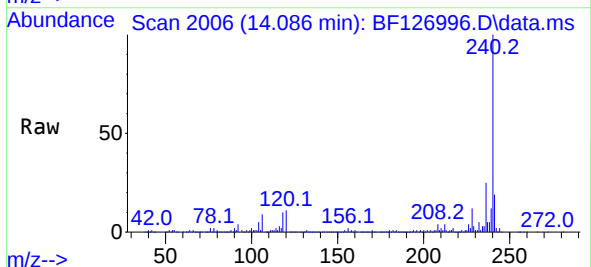
Tgt Ion:202 Resp: 187349
Ion Ratio Lower Upper
202 100
101 11.9 0.0 35.7
203 18.0 0.0 37.1

Manual Integrations
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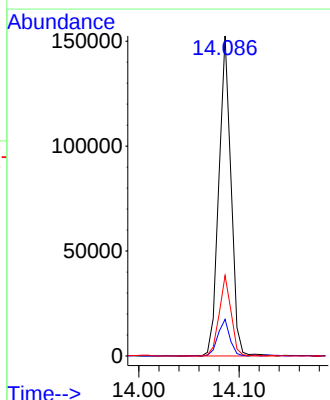
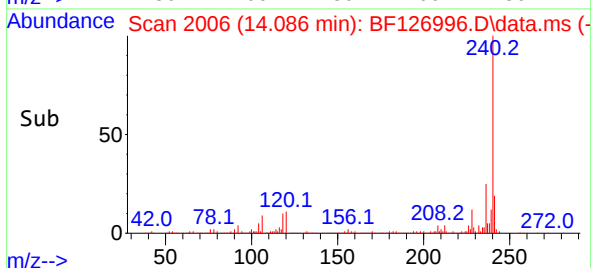
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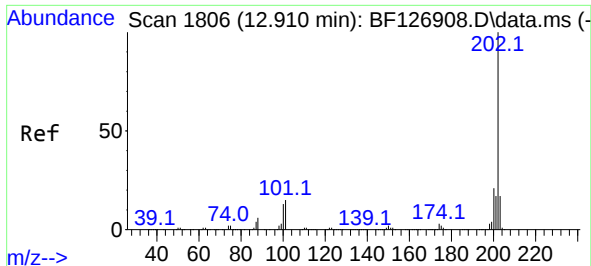


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



Tgt Ion:240 Resp: 127810
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 25.2 20.5 30.7





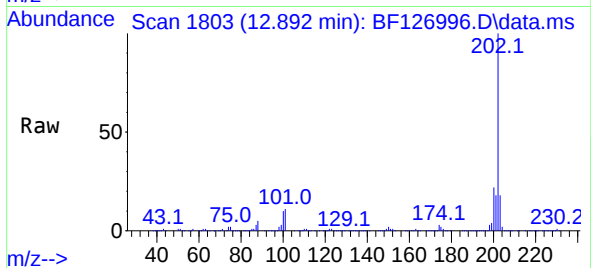
#78
Pyrene
Concen: 25.880 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

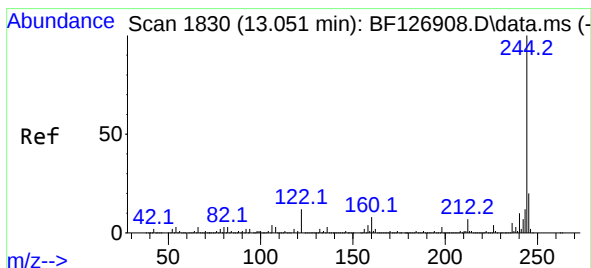
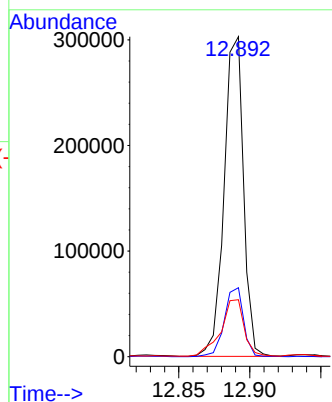


Tgt Ion:202 Resp: 287372
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 17.8 13.8 20.8

Manual Integrations

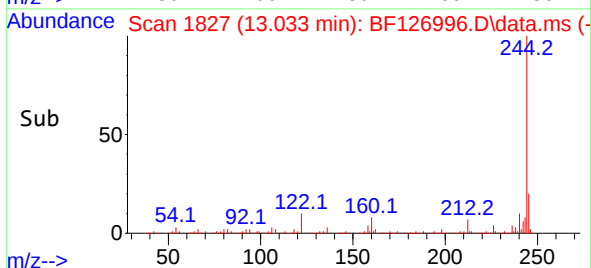
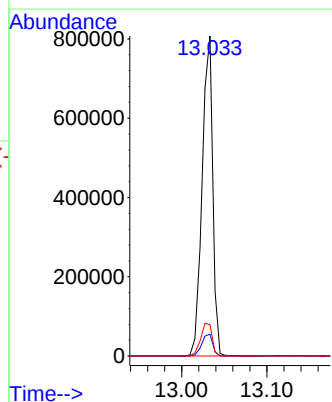
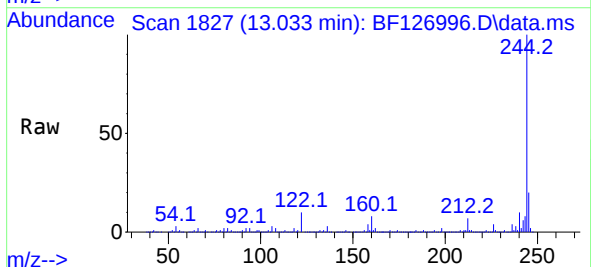
APPROVED

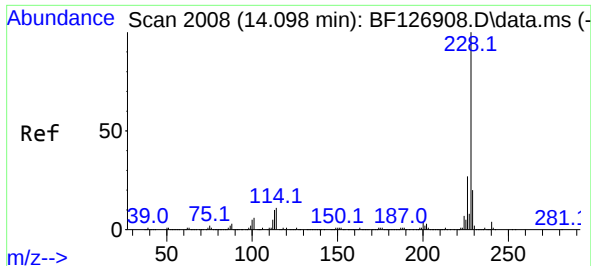
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#79
Terphenyl-d14
Concen: 80.373 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Tgt Ion:244 Resp: 698785
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.8 13.3 19.9#





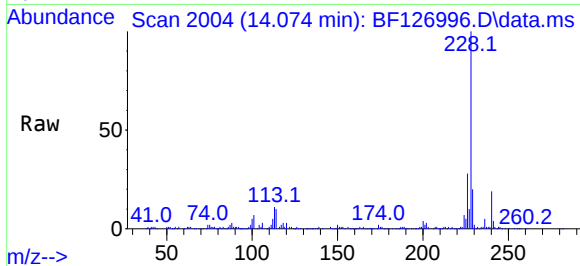
#81
Benzo(a)anthracene
Concen: 10.273 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

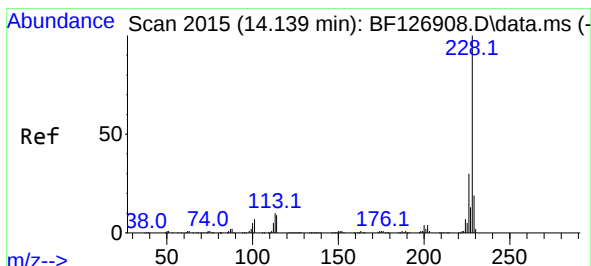
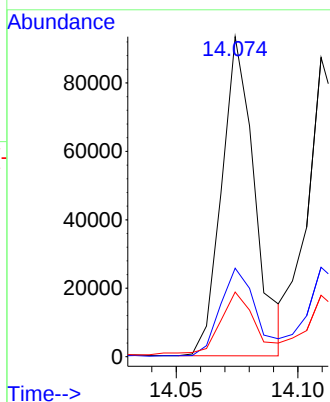
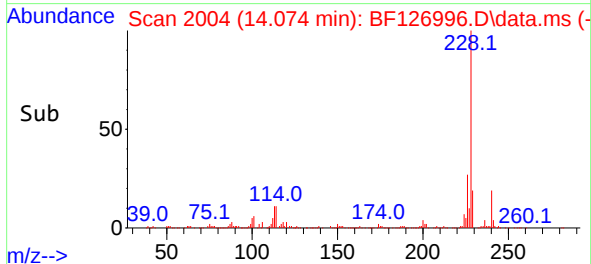


Tgt Ion:228 Resp: 88519
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.2 15.4 23.2

Manual Integrations

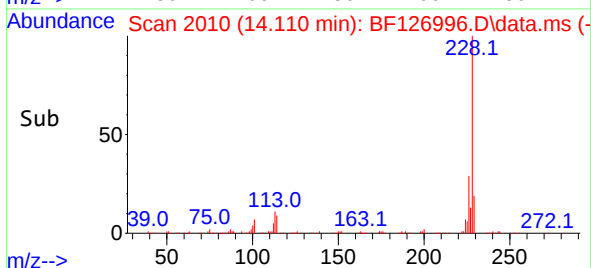
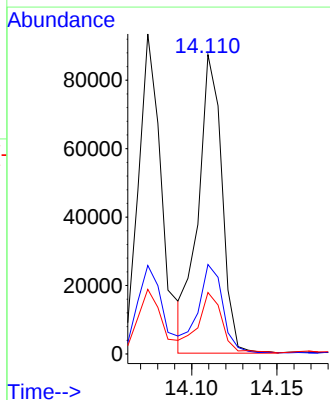
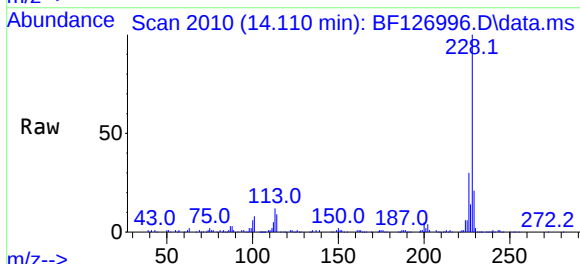
APPROVED

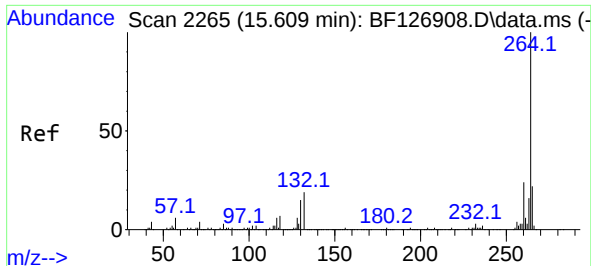
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#83
Chrysene
Concen: 10.509 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Tgt Ion:228 Resp: 85150
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 20.5 15.5 23.3





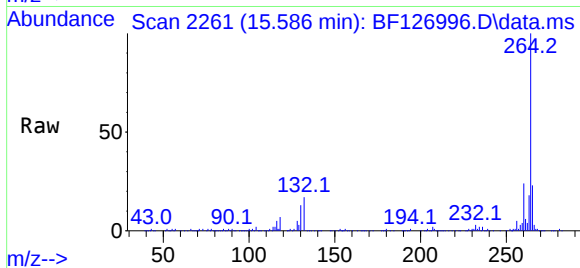
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SB-6-(3.0-3.5)

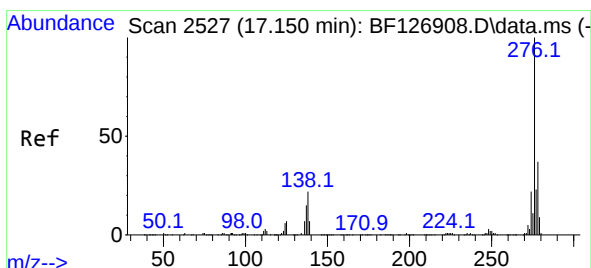
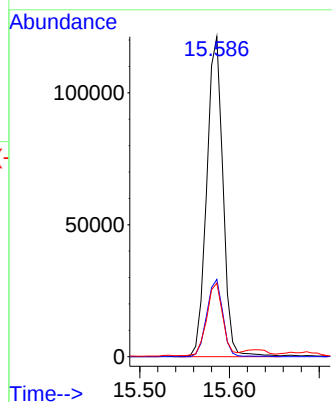
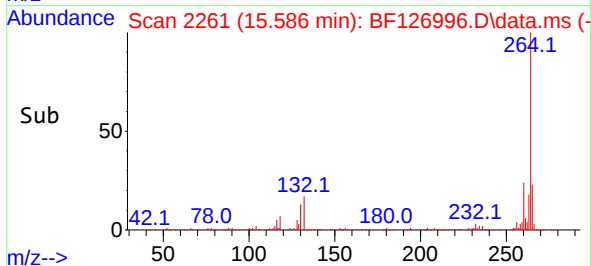


Tgt Ion:264 Resp: 152144
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.0 17.4 26.2

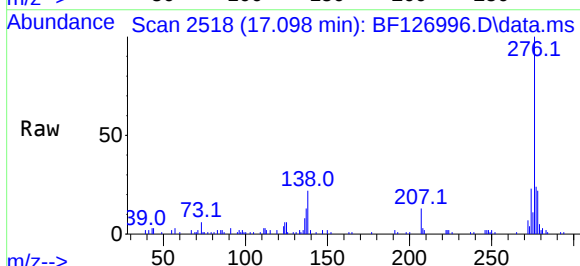
Manual Integrations

APPROVED

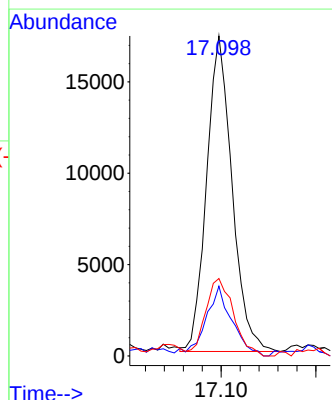
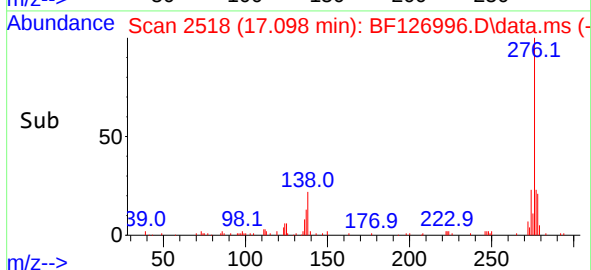
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

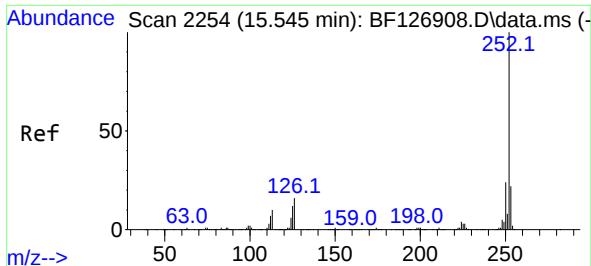


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.229 ng
RT: 17.098 min Scan# 2518
Delta R.T. -0.018 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56



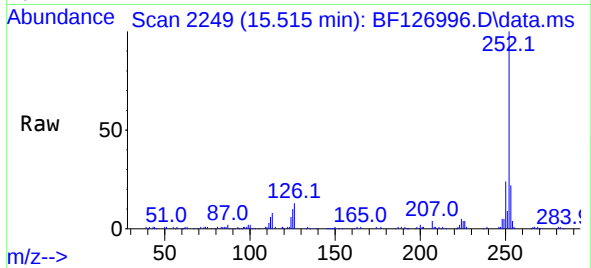
Tgt Ion:276 Resp: 32217
Ion Ratio Lower Upper
276 100
138 22.9 29.2 43.8#
277 27.1 19.8 29.8





#90
Benzo(a)pyrene
Concen: 8.614 ng m
RT: 15.515 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126996.D
Acq: 22 Feb 2022 01:56

Instrument :
BNA_F
ClientSampleId :
SB-6-(3.0-3.5)



Tgt Ion:252 Resp: 6875
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.1 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

