

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127155.D
 Acq On : 02 Mar 2022 19:06
 Operator : CG\JU
 Sample : N1722-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 00:57:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	82189	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	330554	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	164181	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	248276	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	131413	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	160353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	532808	100.195	ng	0.00
7) Phenol-d6	6.516	99	688687	95.978	ng	0.00
23) Nitrobenzene-d5	7.451	82	474261	64.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	169582	89.711	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	739337	66.294	ng	0.00
79) Terphenyl-d14	13.004	244	484829	54.235	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.633	202	45201	3.426	ng	96
78) Pyrene	12.863	202	35248	3.087	ng	98
83) Chrysene	14.092	228	19361	2.324	ng	95
88) Benzo(b)fluoranthene	15.115	252	30183m	2.803	ng	
90) Benzo(a)pyrene	15.492	252	18963m	2.254	ng	

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

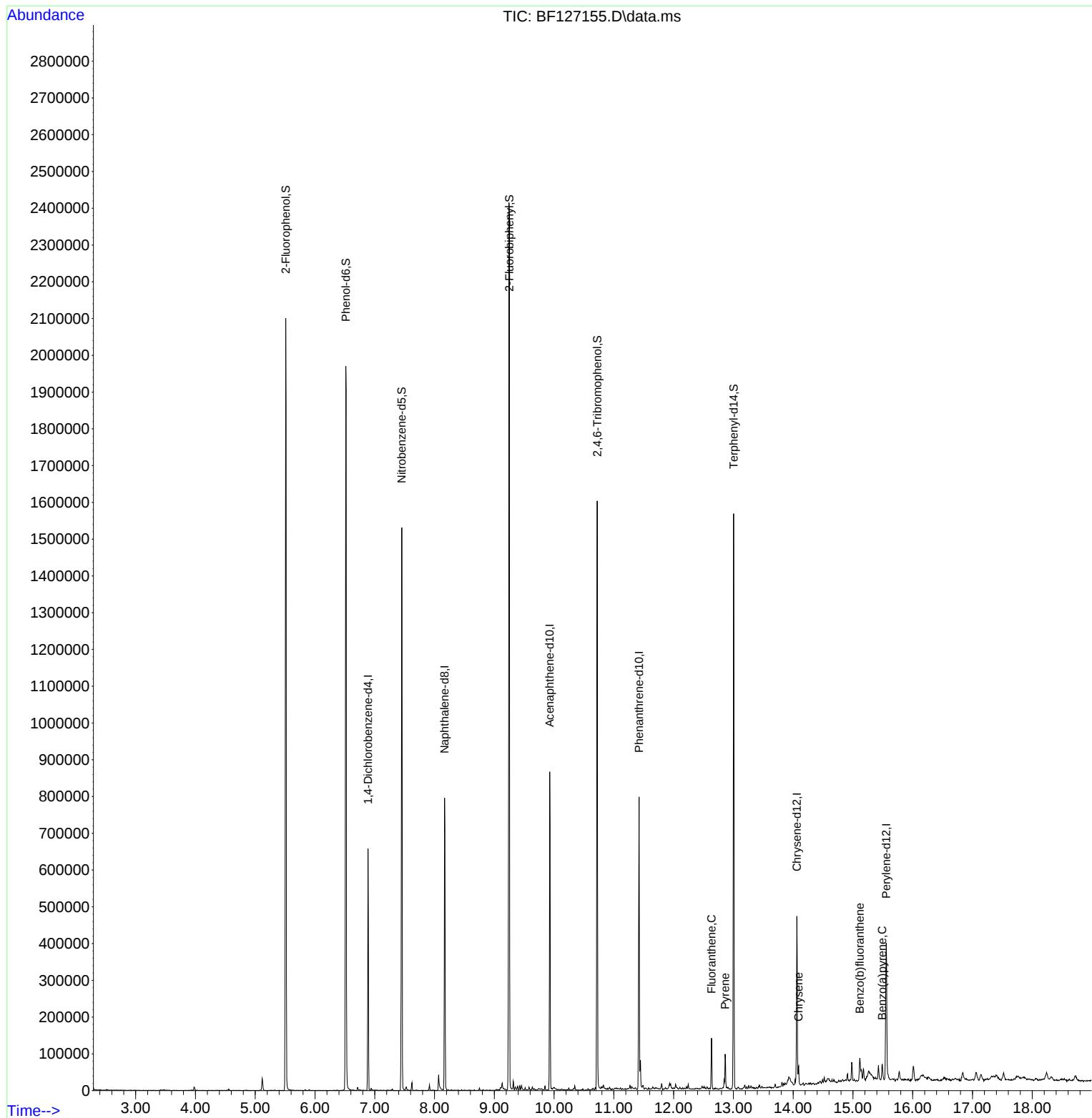
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127155.D
Acq On : 02 Mar 2022 19:06
Operator : CG\JU
Sample : N1722-03
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ALS Vial : 19 Sample Multiplier: 1

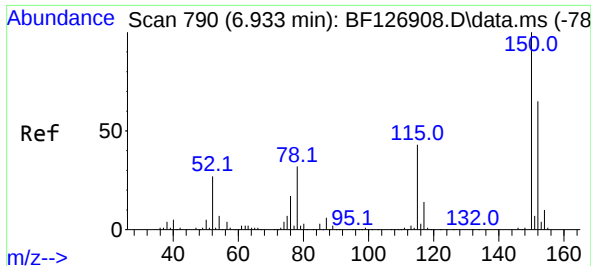
Instrument :
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Quant Time: Mar 03 00:57:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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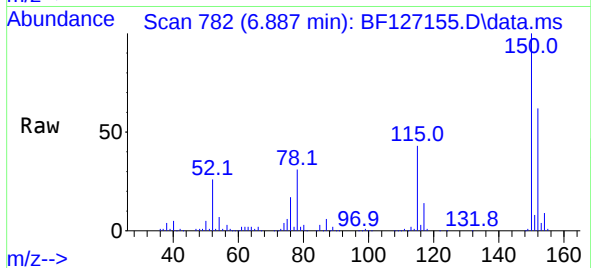
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7

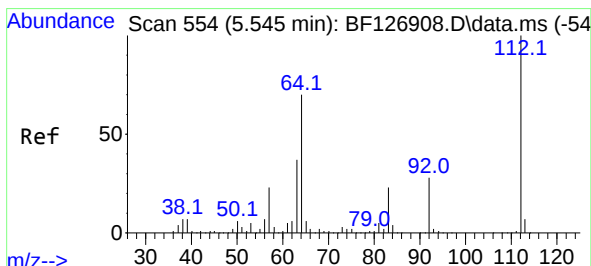
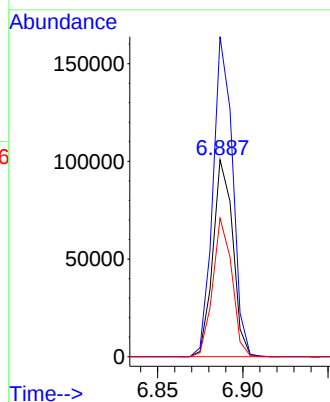
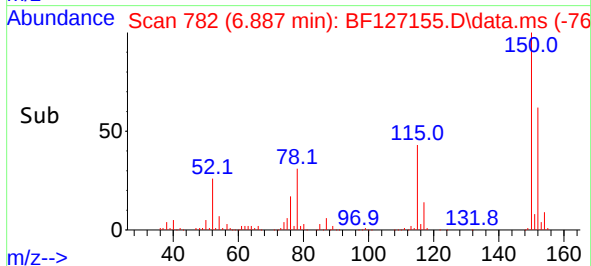


Tgt Ion:152 Resp: 82189
Ion Ratio Lower Upper
152 100
150 162.5 128.1 192.1
115 70.3 56.7 85.1

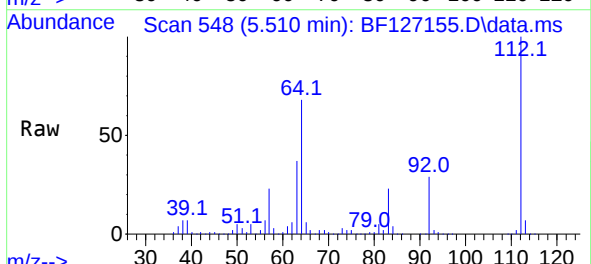
Manual Integrations

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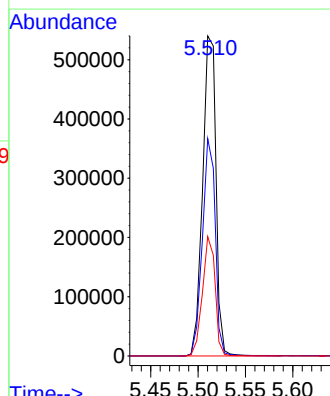
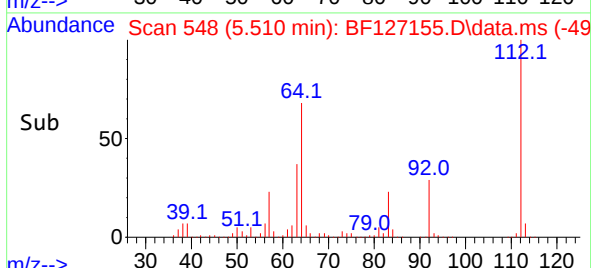
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

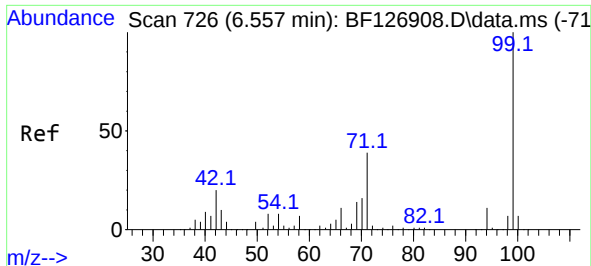


#5
2-Fluorophenol
Concen: 100.195 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



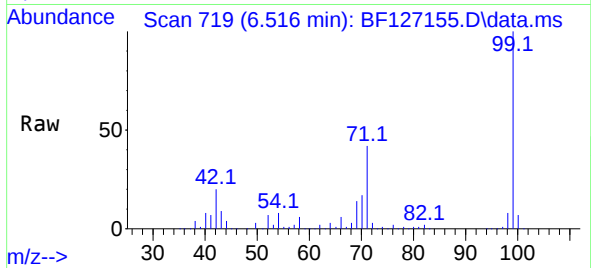
Tgt Ion:112 Resp: 532808
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.3 23.9 35.9





#7
Phenol-d6
Concen: 95.978 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

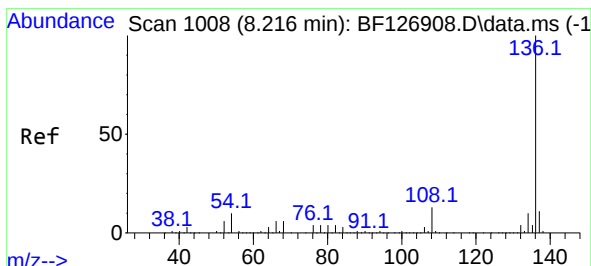
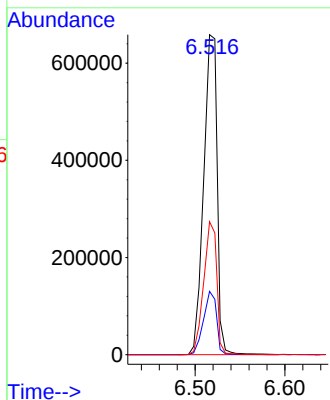
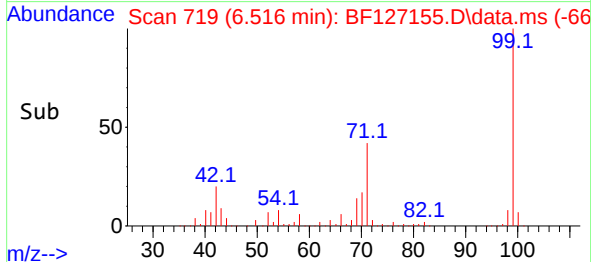
Instrument :
BNA_F
ClientSampleId :
DUM-7



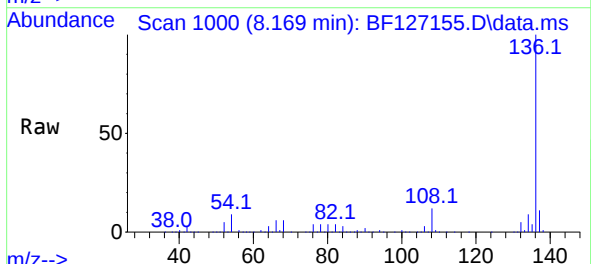
Tgt Ion: 99 Resp: 68868
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 41.5 24.3 36.5

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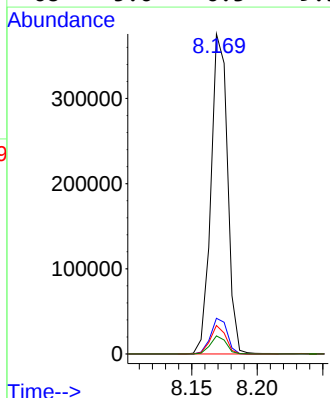
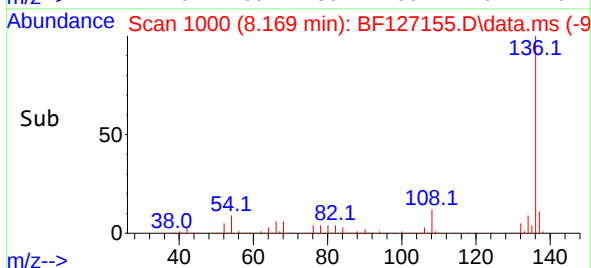
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

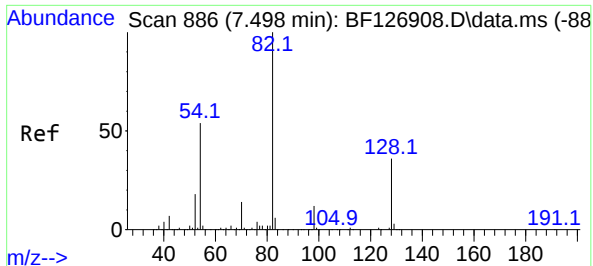


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



Tgt Ion:136 Resp: 330554
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.8 11.6
68 5.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 64.761 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7

Tgt Ion: 82 Resp: 47426

Ion Ratio Lower Upper

82 100

128 39.1 32.7 49.1

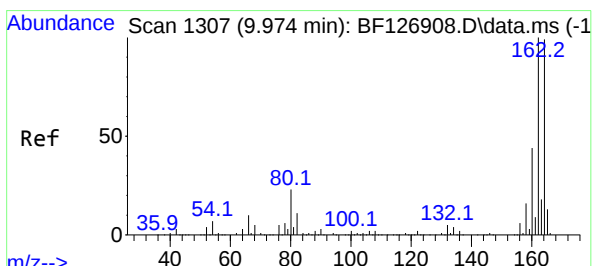
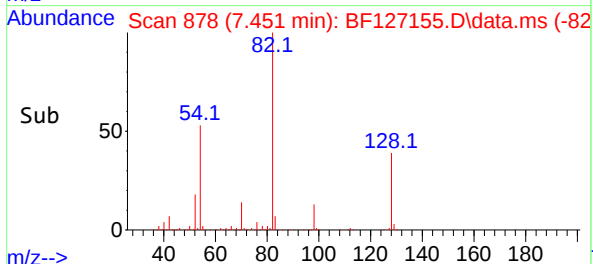
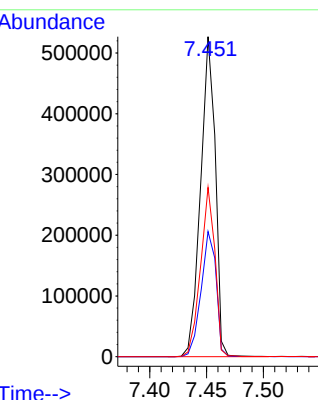
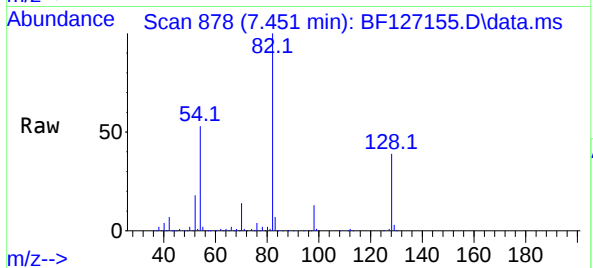
54 52.9 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF127155.D

Acq: 02 Mar 2022 19:06

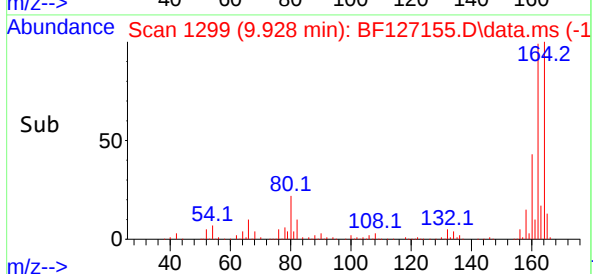
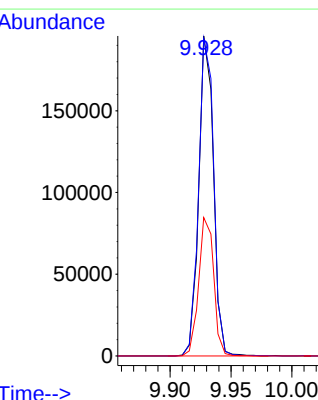
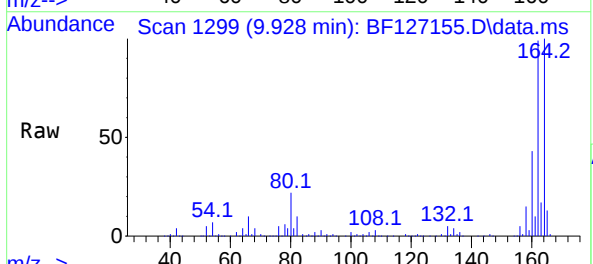
Tgt Ion:164 Resp: 164181

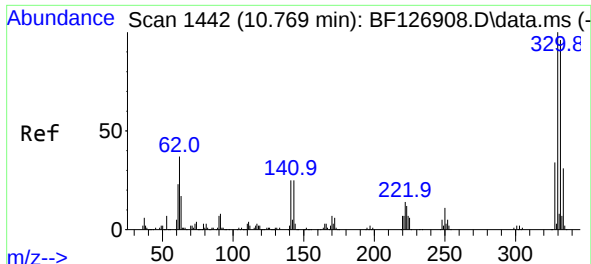
Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

160 43.2 36.6 54.8





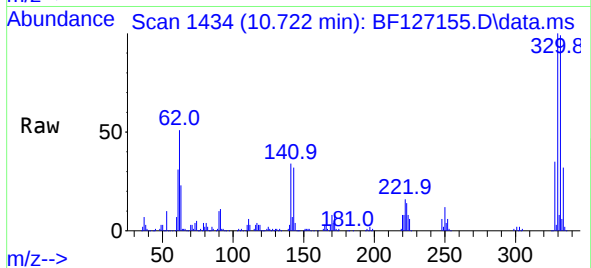
#42
2,4,6-Tribromophenol
Concen: 89.711 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Instrument :

BNA_F

ClientSampleId :

DUM-7



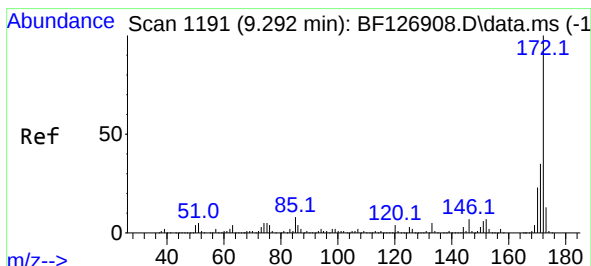
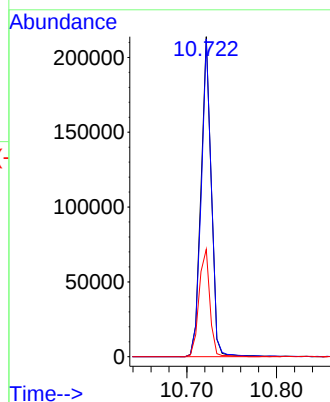
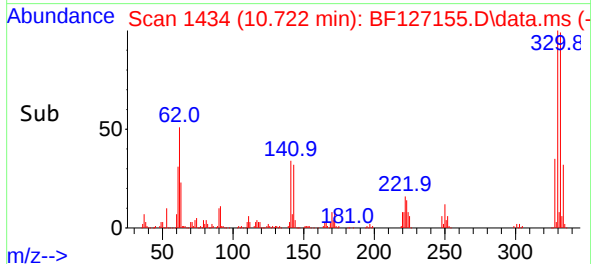
Tgt Ion:330 Resp: 169582
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 35.4 30.1 45.1

Manual Integrations

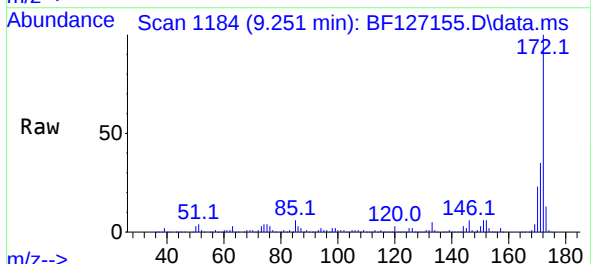
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Reviewed By :Christian Giraldo 03/03/2022

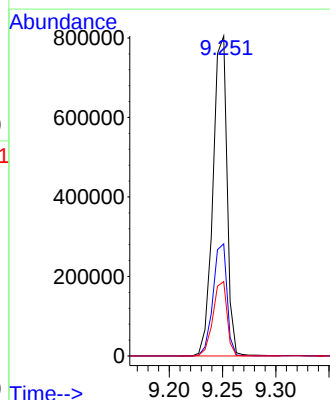
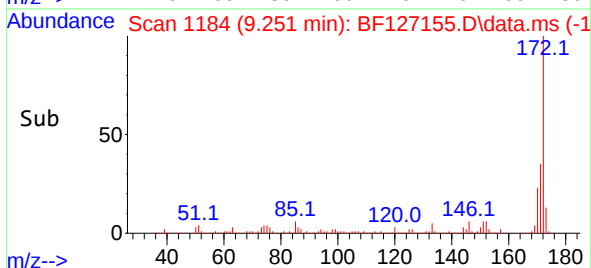
Supervised By :Jagrut Upadhyay 03/03/2022

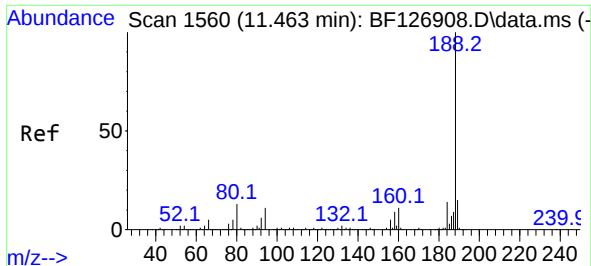


#45
2-Fluorobiphenyl
Concen: 66.294 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



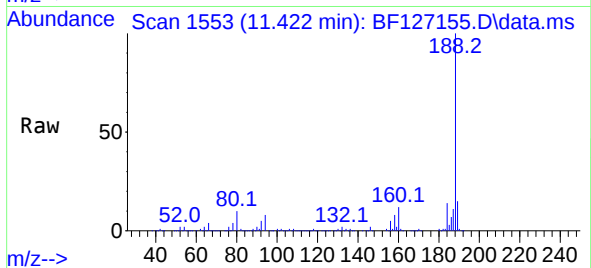
Tgt Ion:172 Resp: 739337
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

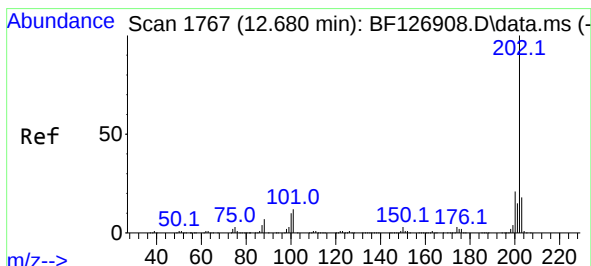
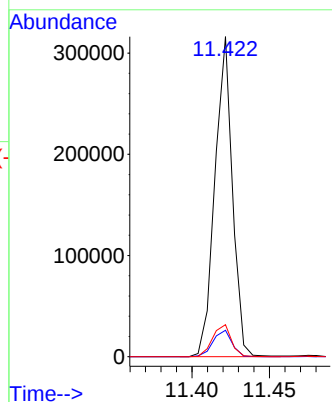
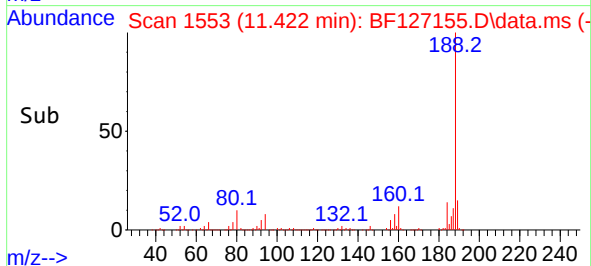
Instrument :
BNA_F
ClientSampleId :
DUM-7



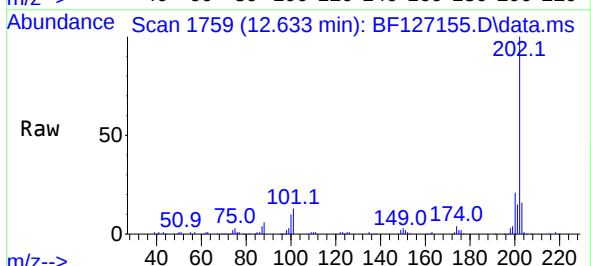
Tgt Ion:188 Resp: 248270
Ion Ratio Lower Upper
188 100
94 8.3 10.1 15.1
80 10.0 11.8 17.6

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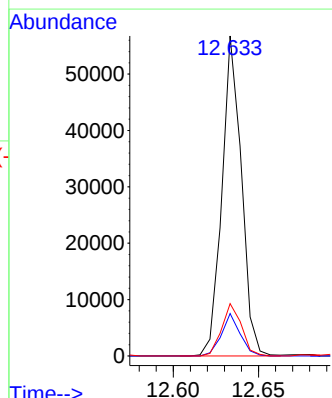
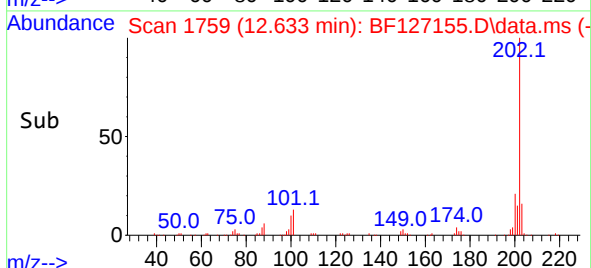
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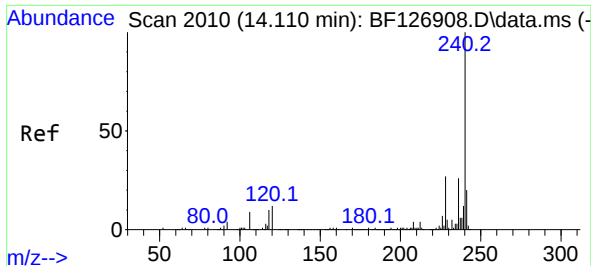


#75
Fluoranthene
Concen: 3.426 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



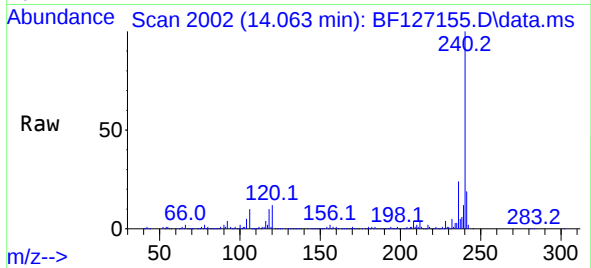
Tgt Ion:202 Resp: 45201
Ion Ratio Lower Upper
202 100
101 13.2 0.0 35.7
203 16.4 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

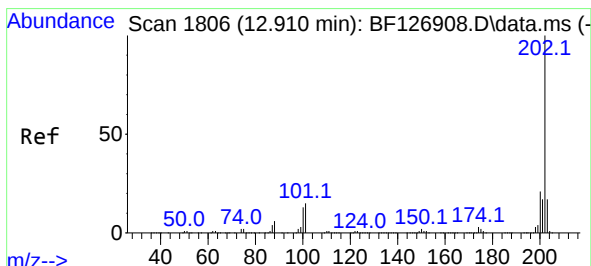
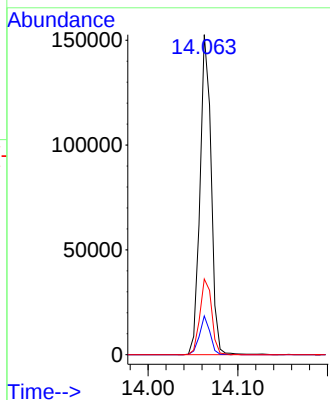
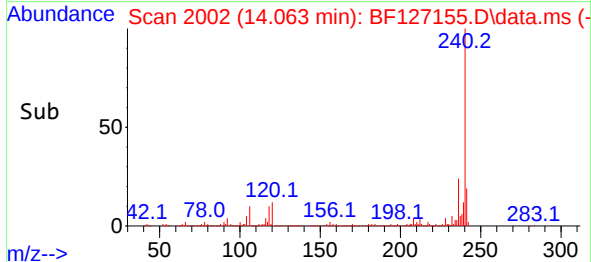
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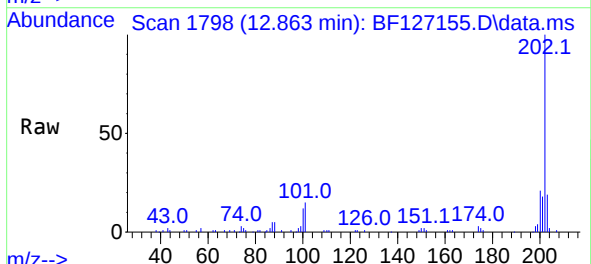
Tgt Ion:240 Resp: 131411
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6
236 23.7 20.5 30.7

Manual Integrations
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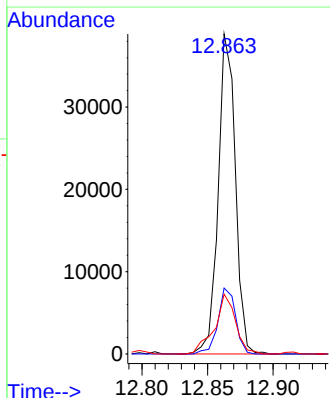
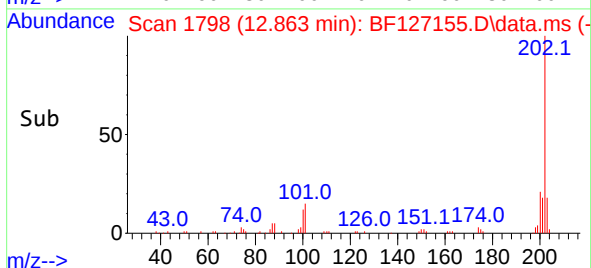
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Supervised By :Jagrut Upadhyay 03/03/2022

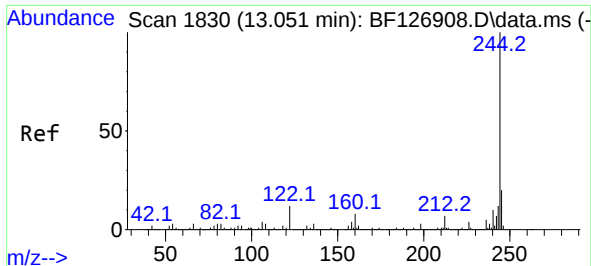


#78
Pyrene
Concen: 3.087 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



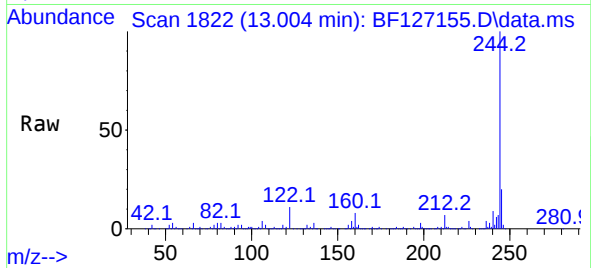
Tgt Ion:202 Resp: 35248
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.7 13.8 20.8





#79
Terphenyl-d14
Concen: 54.235 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

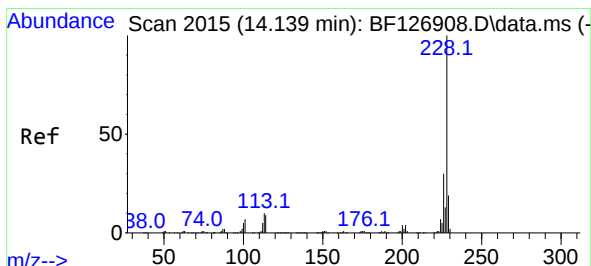
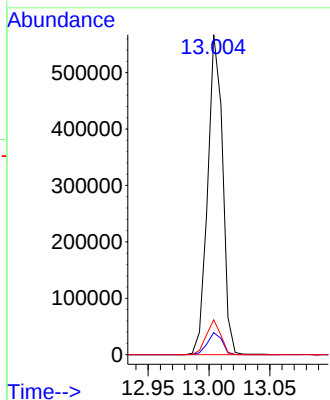
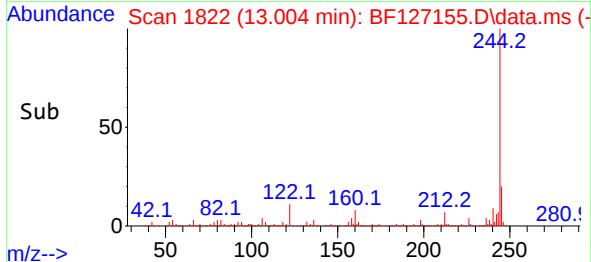
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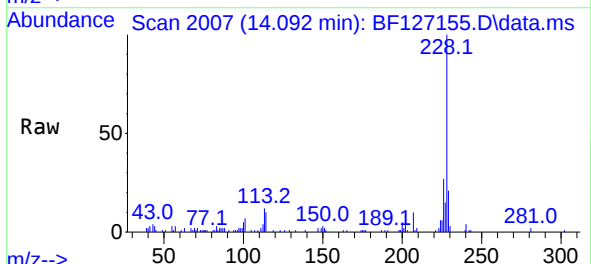
Tgt Ion:244 Resp: 484829
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.9 13.3 19.9

Manual Integrations
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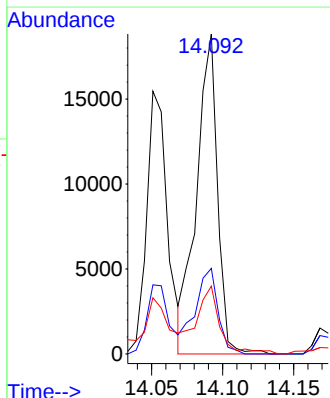
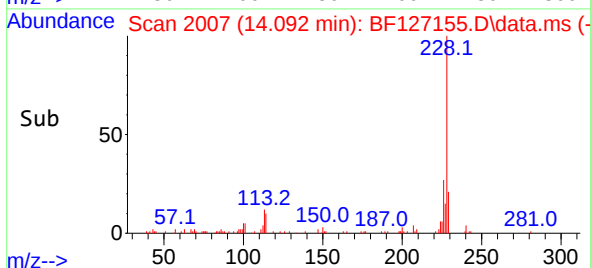
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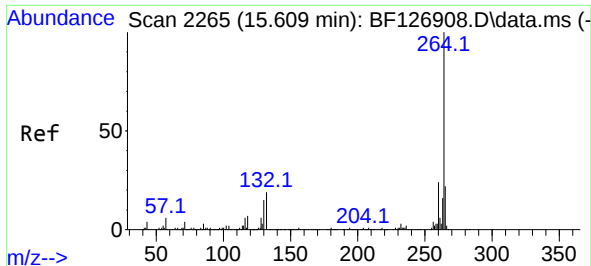


#83
Chrysene
Concen: 2.324 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



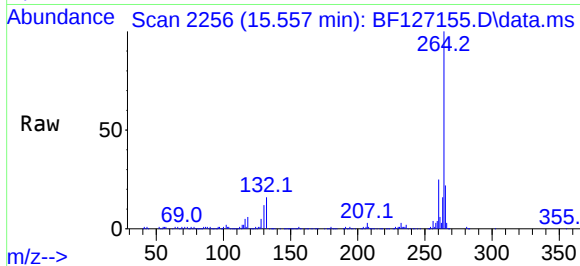
Tgt Ion:228 Resp: 19361
Ion Ratio Lower Upper
228 100
226 26.7 23.7 35.5
229 21.2 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

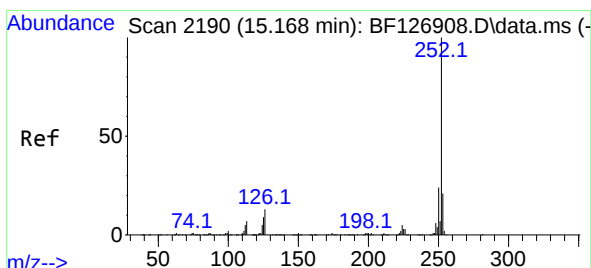
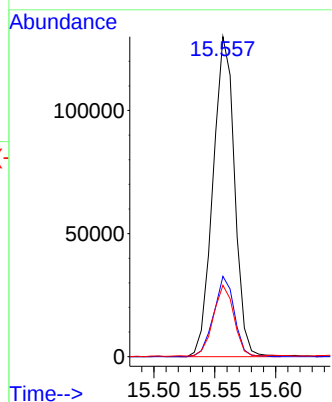
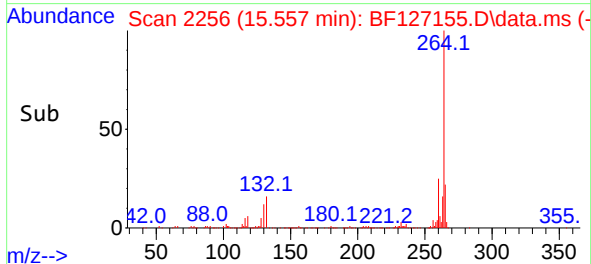
Instrument :
BNA_F
ClientSampleId :
DUM-7



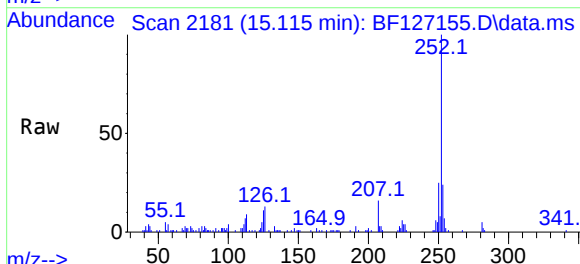
Tgt Ion:264 Resp: 16035
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 22.3 17.4 26.2

Manual Integrations
APPROVED

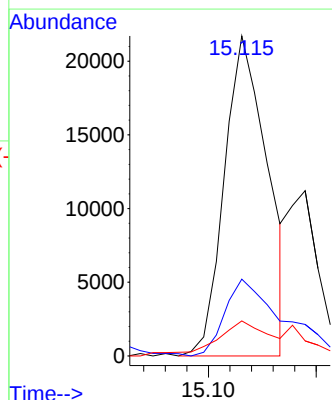
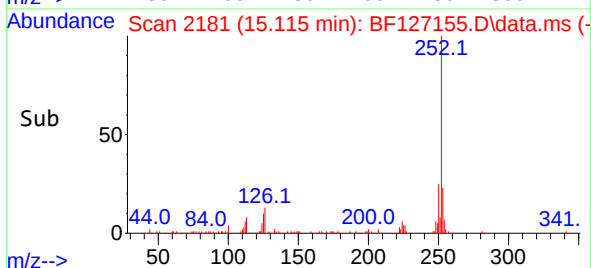
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

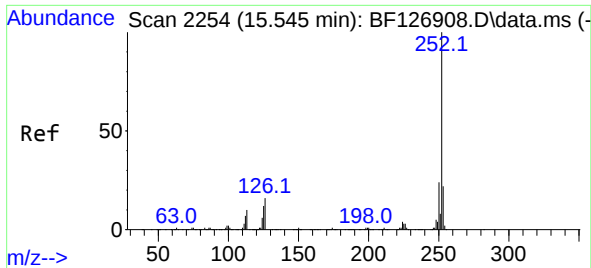


#88
Benzo(b)fluoranthene
Concen: 2.803 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06



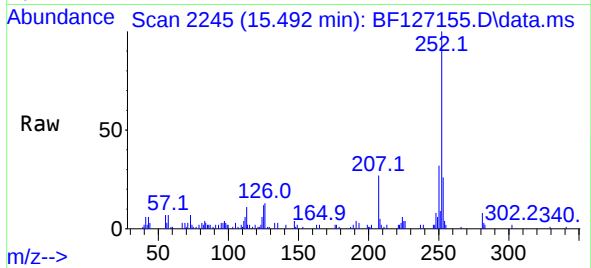
Tgt Ion:252 Resp: 30183
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 11.0 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.254 ng m
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127155.D
Acq: 02 Mar 2022 19:06

Instrument :
BNA_F
ClientSampleId :
DUM-7



Tgt Ion: 252 Resp: 1896

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7
125	12.4	13.0	19.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/03/2022
Supervised By : Jagrut Upadhyay 03/03/2022

