

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127154.D
 Acq On : 02 Mar 2022 18:37
 Operator : CG\JU
 Sample : N1722-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-10

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:57:26 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	6.886	152	86185	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	352312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	178094	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	282041	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	132540	20.000	ng	#-0.01
86) Perylene-d12	15.556	264	161979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	527596	94.615	ng	0.00
7) Phenol-d6	6.516	99	698024	92.769	ng	0.00
23) Nitrobenzene-d5	7.451	82	482235	61.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	176119	85.890	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	788850	65.208	ng	0.00
79) Terphenyl-d14	13.010	244	582236	64.577	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	47397	3.002	ng	98
75) Fluoranthene	12.633	202	68938	4.599	ng	94
78) Pyrene	12.868	202	55672	4.835	ng	98
81) Benzo(a)anthracene	14.057	228	20229m	2.264	ng	
83) Chrysene	14.092	228	23668	2.817	ng	99
88) Benzo(b)fluoranthene	15.115	252	34365m	3.159	ng	
90) Benzo(a)pyrene	15.492	252	24927m	2.933	ng	

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

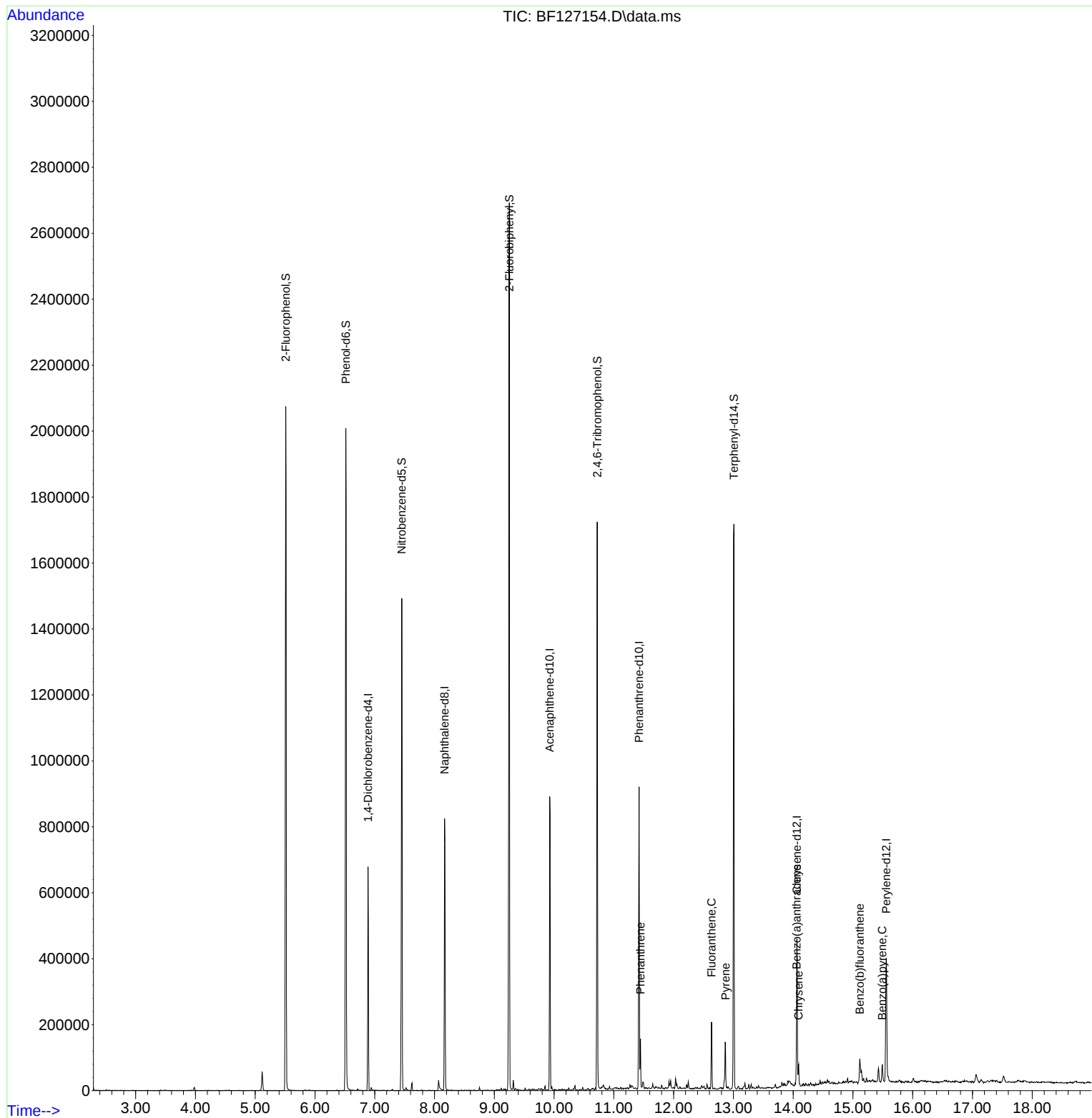
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127154.D
Acq On : 02 Mar 2022 18:37
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Misc :
ALS Vial : 18 Sample Multiplier: 1

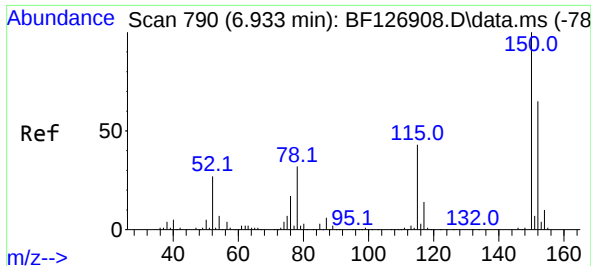
Instrument :
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Quant Time: Mar 03 00:57:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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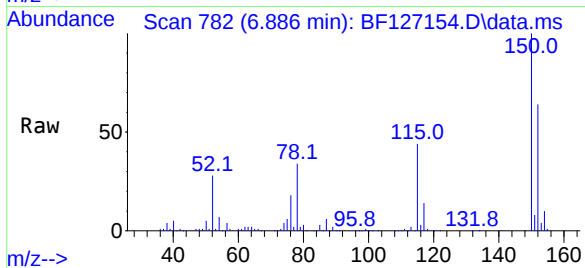
Reviewed By : Christian Giraldo 03/03/2022
Supervised By : Jagrut Upadhyay 03/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

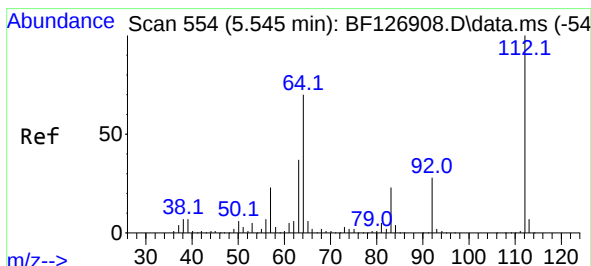
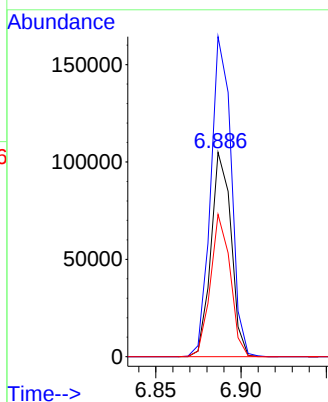
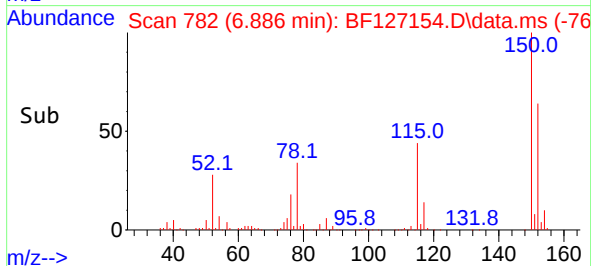
Instrument :
BNA_F
ClientSampleId :
DUM-10



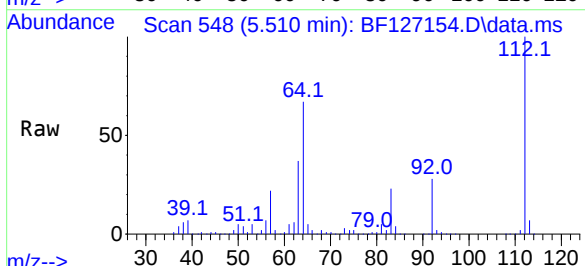
Tgt Ion:152 Resp: 8618
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 69.6 56.7 85.1

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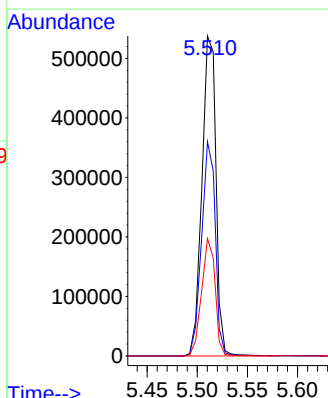
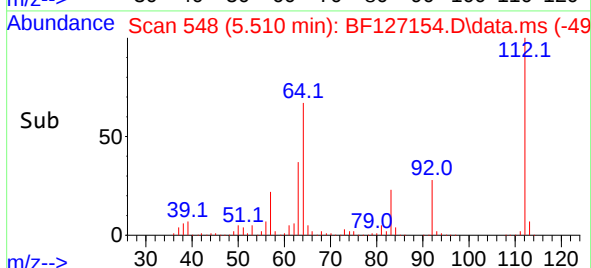
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

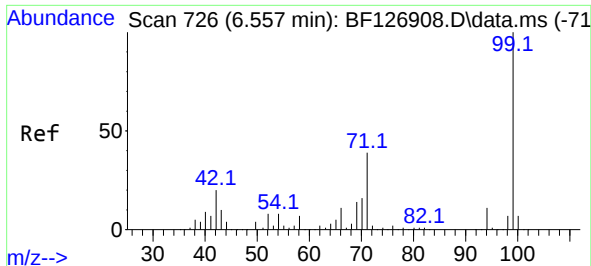


#5
2-Fluorophenol
Concen: 94.615 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



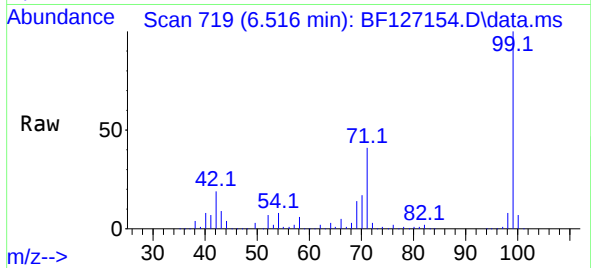
Tgt Ion:112 Resp: 527596
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 36.7 23.9 35.9





#7
Phenol-d6
Concen: 92.769 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

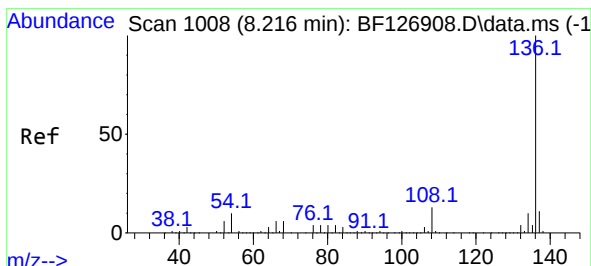
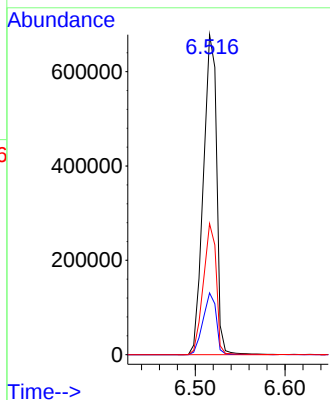
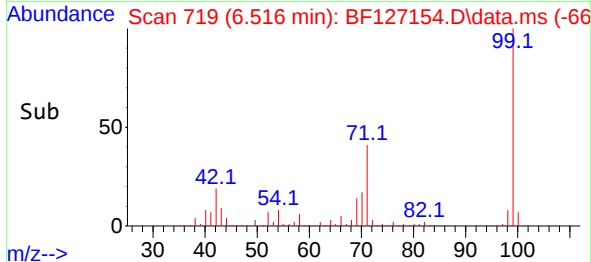
Instrument :
BNA_F
ClientSampleId :
DUM-10



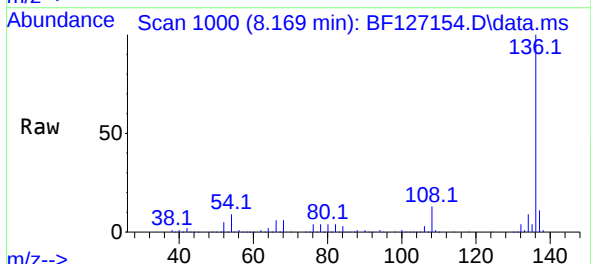
Tgt Ion: 99 Resp: 698024
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 41.0 24.3 36.5

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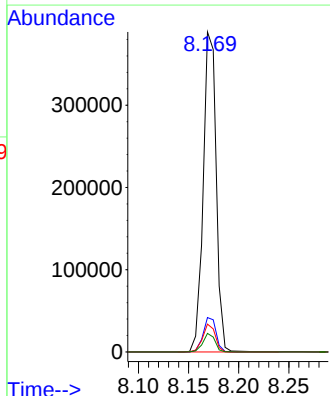
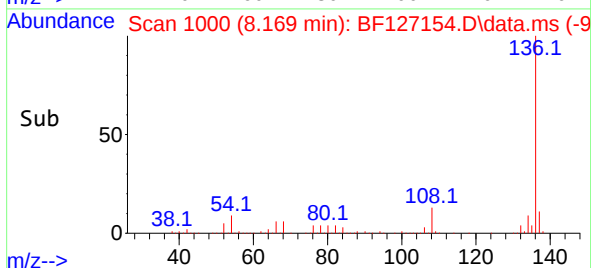
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

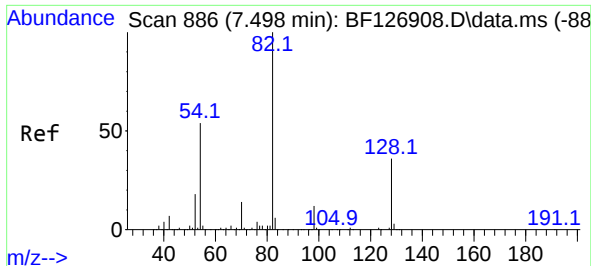


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



Tgt Ion:136 Resp: 352312
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 5.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 61.783 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127154.D

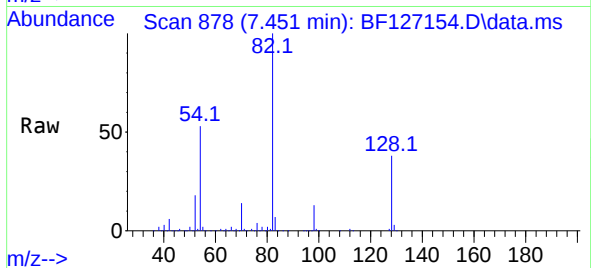
Acq: 02 Mar 2022 18:37

Instrument :

BNA_F

ClientSampleId :

DUM-10



Tgt Ion: 82 Resp: 482235

Ion Ratio Lower Upper

82 100

128 38.5 32.7 49.1

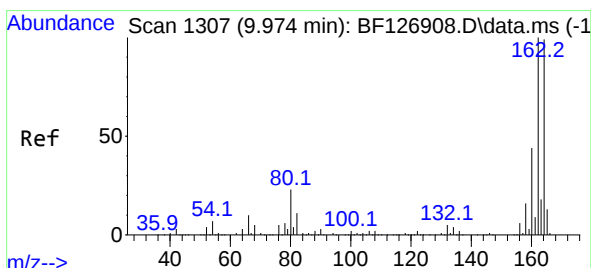
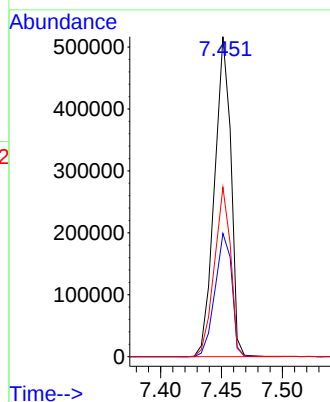
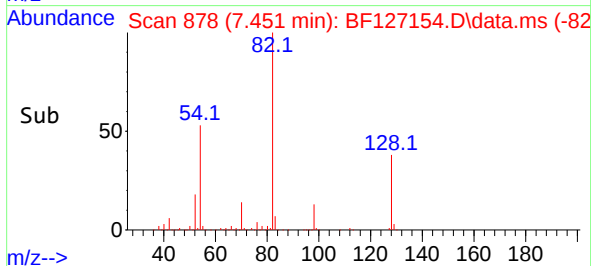
54 53.0 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

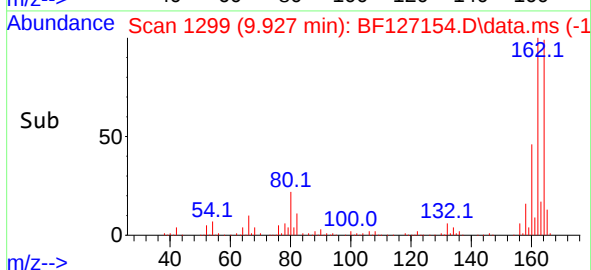
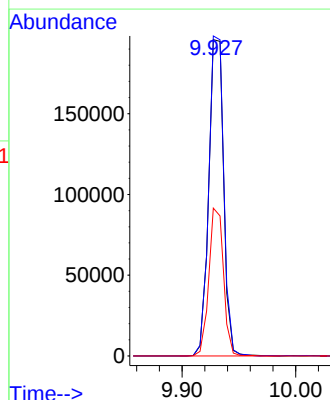
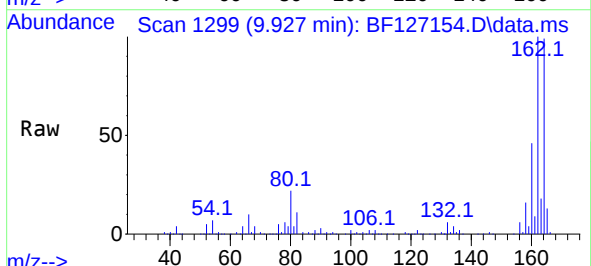
Tgt Ion:164 Resp: 178094

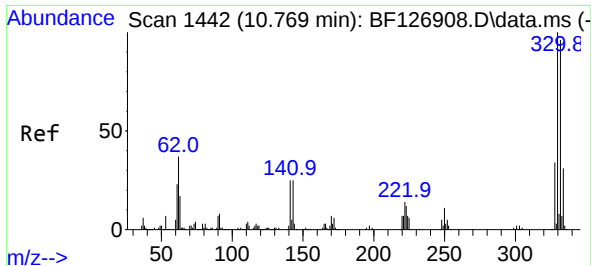
Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 46.7 36.6 54.8





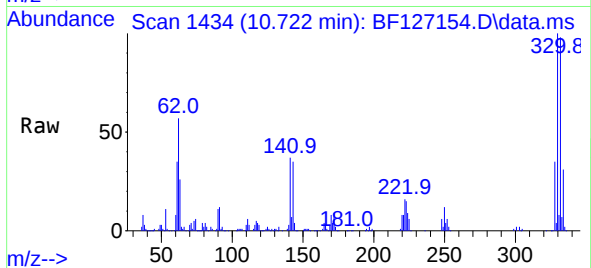
#42
2,4,6-Tribromophenol
Concen: 85.890 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Instrument :

BNA_F

ClientSampleId :

DUM-10

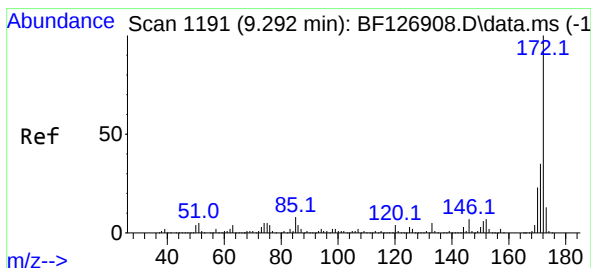
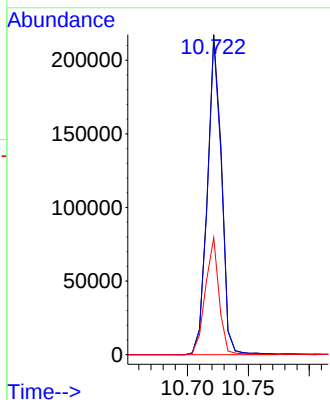
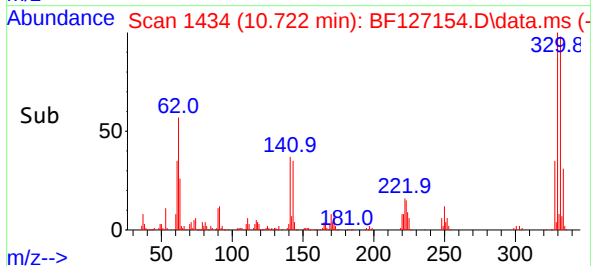


Tgt Ion:330 Resp: 176119
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 35.5 30.1 45.1

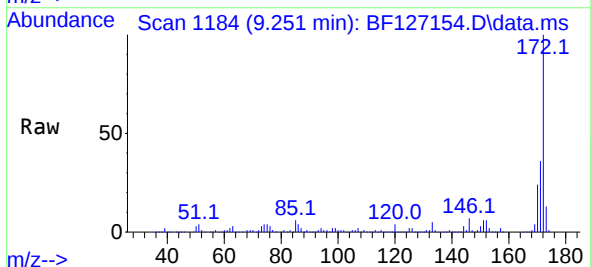
Manual Integrations

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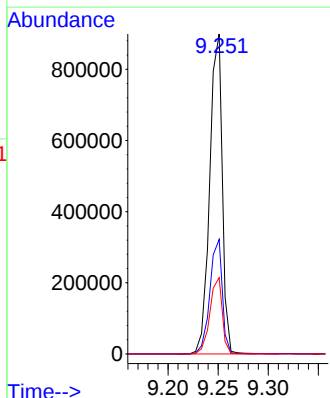
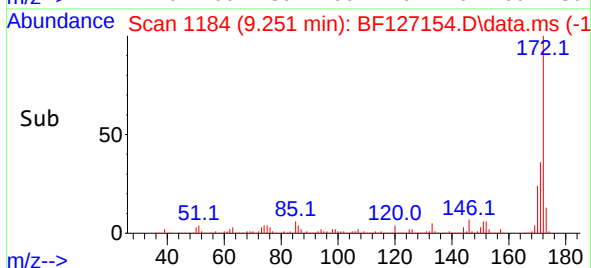
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

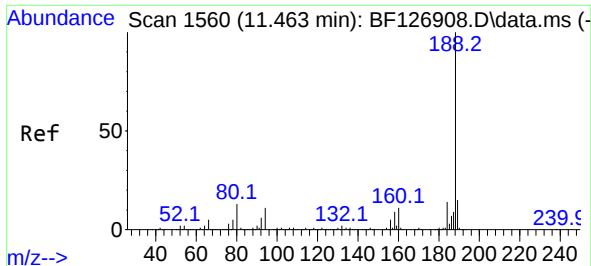


#45
2-Fluorobiphenyl
Concen: 65.208 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



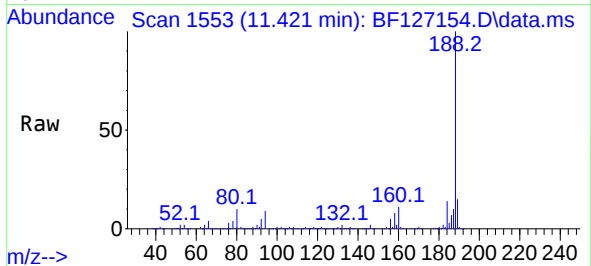
Tgt Ion:172 Resp: 788850
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.8 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

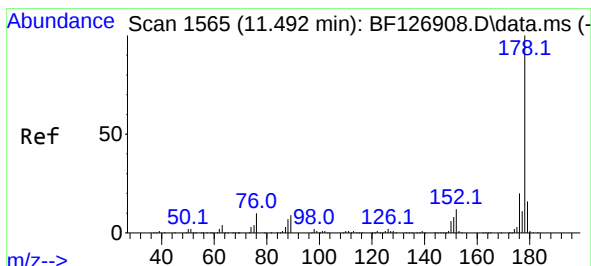
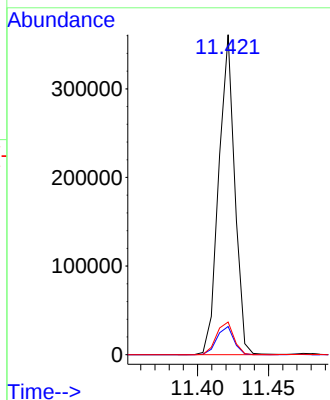
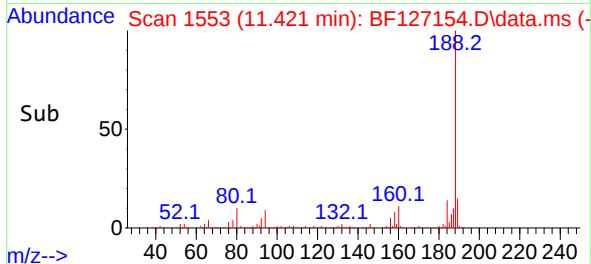
Instrument :
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ClientSampleId :
DUM-10



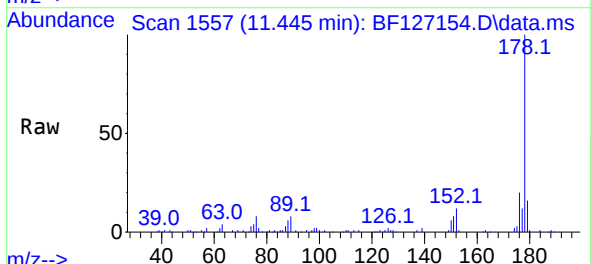
Tgt Ion:188 Resp: 28204
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1
80 10.2 11.8 17.6

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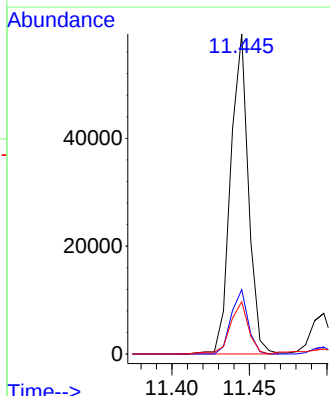
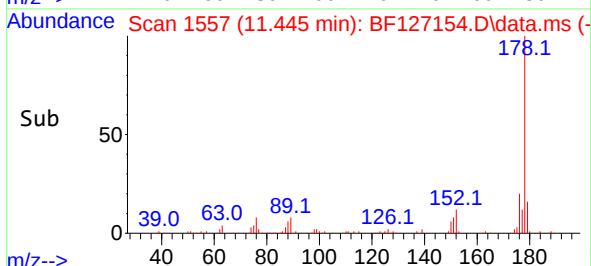
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

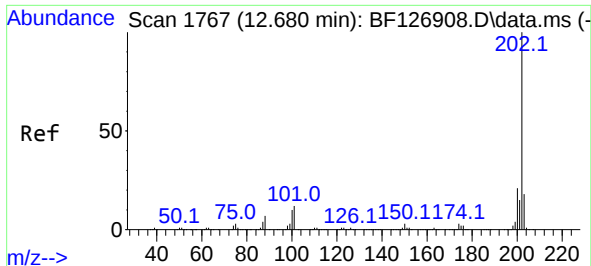


#71
Phenanthrene
Concen: 3.002 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



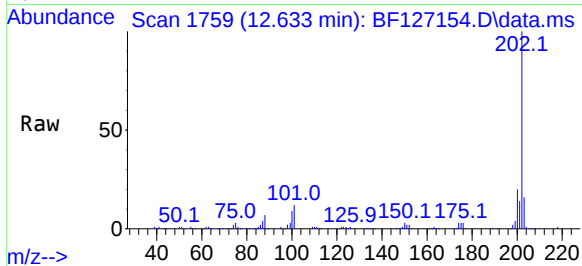
Tgt Ion:178 Resp: 47397
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 12.3 18.5





#75
Fluoranthene
Concen: 4.599 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

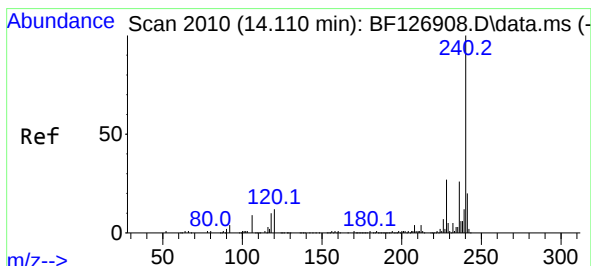
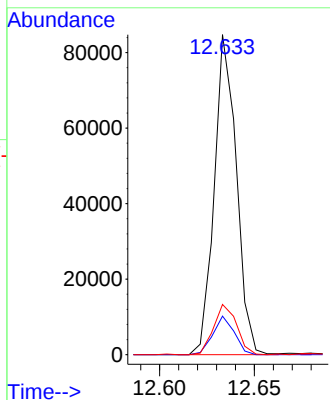
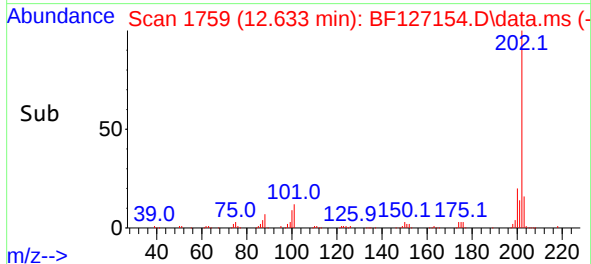
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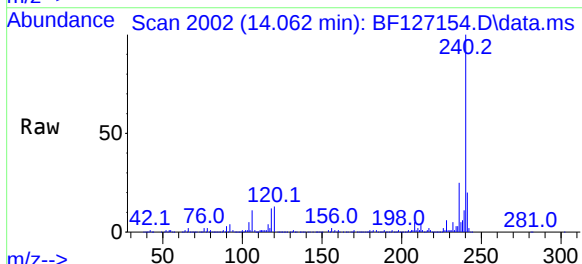
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Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.7
203 15.7 0.0 37.1

Manual Integrations
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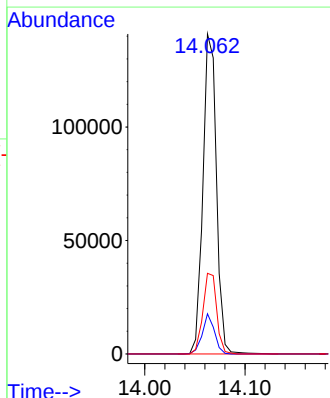
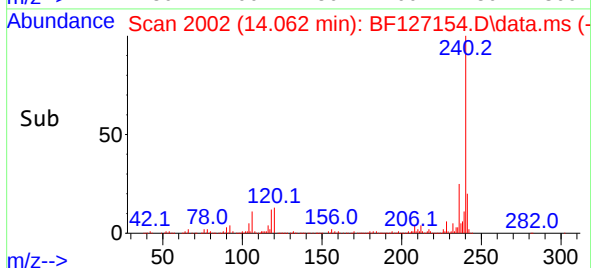
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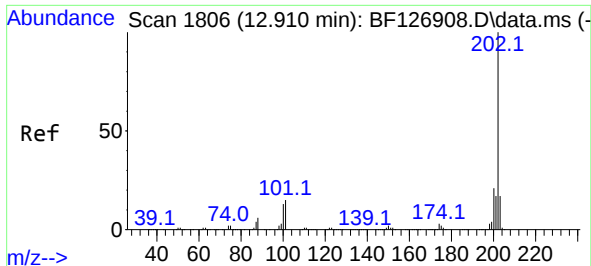


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



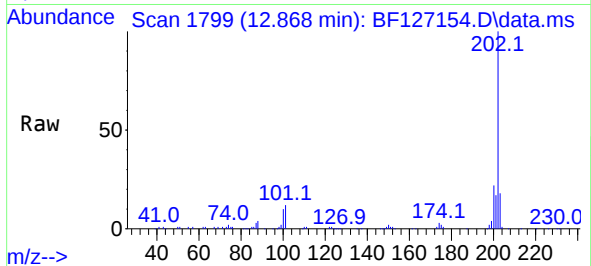
Tgt Ion: 240 Resp: 132540
Ion Ratio Lower Upper
240 100
120 12.5 14.4 21.6#
236 25.2 20.5 30.7





#78
Pyrene
Concen: 4.835 ng
RT: 12.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

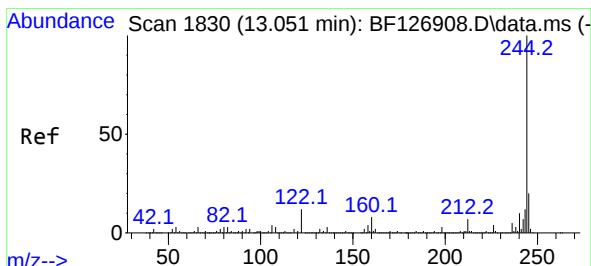
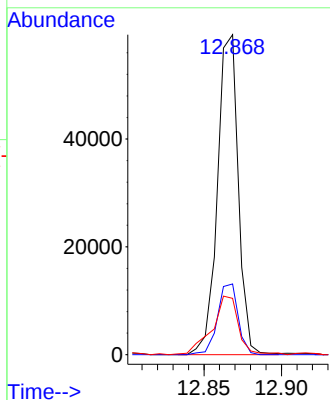
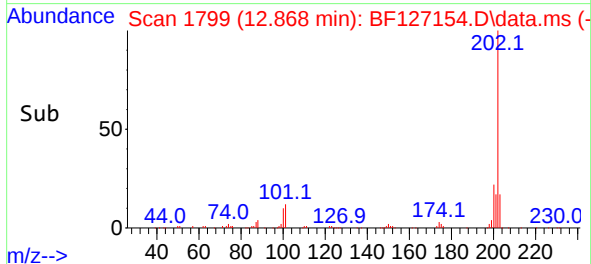
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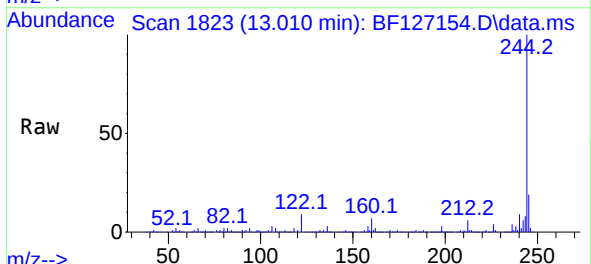
Tgt Ion:202 Resp: 55672
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 17.6 13.8 20.8

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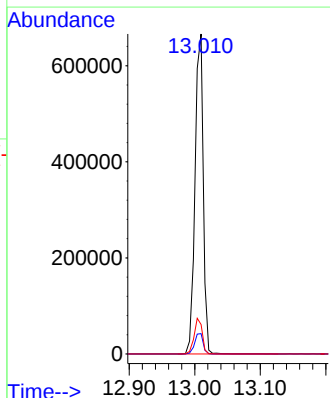
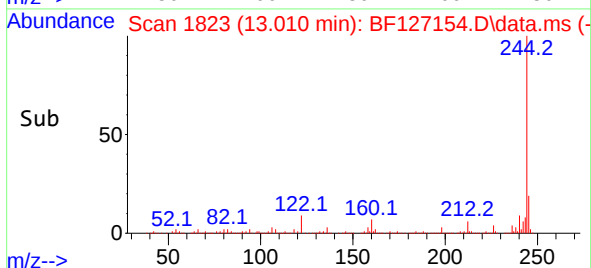
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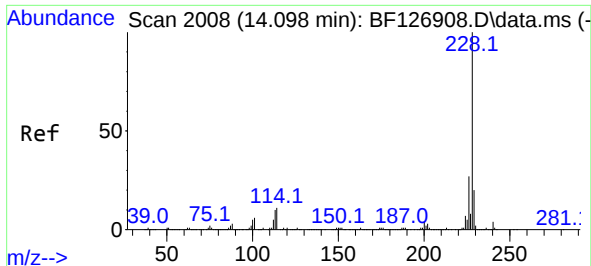


#79
Terphenyl-d14
Concen: 64.577 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



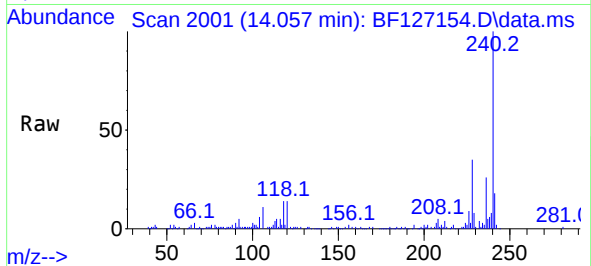
Tgt Ion:244 Resp: 582236
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.2 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.264 ng m
RT: 14.057 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

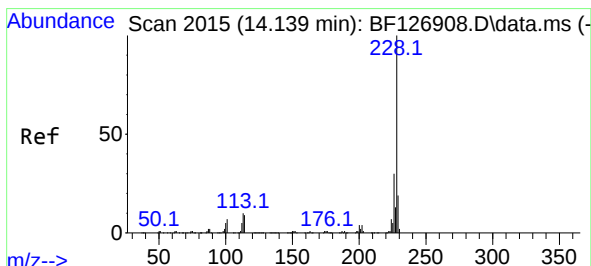
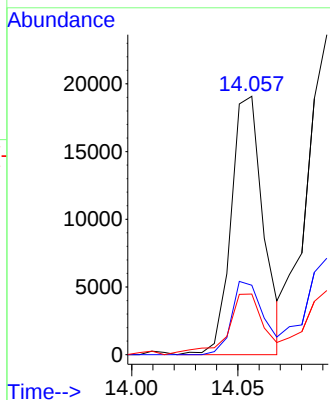
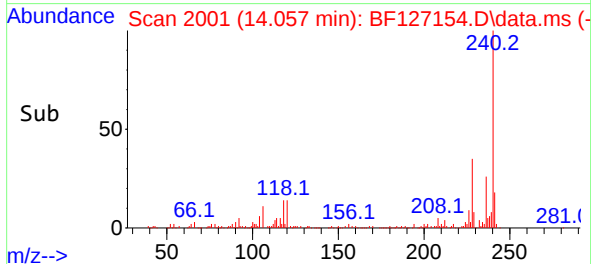
Instrument :
BNA_F
ClientSampleId :
DUM-10



Tgt Ion:228 Resp: 20229
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 23.5 15.4 23.2

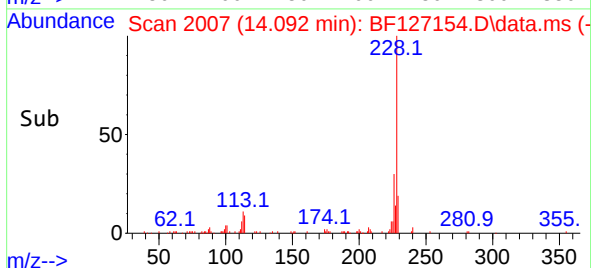
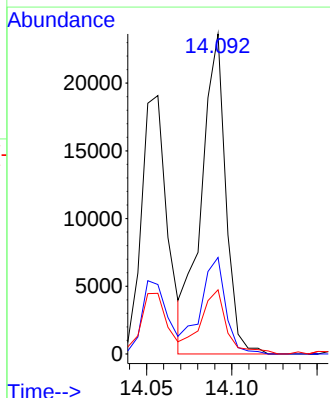
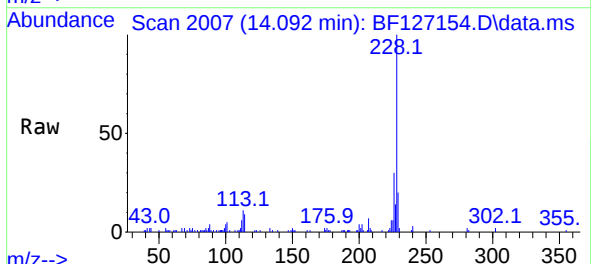
Manual Integrations
APPROVED

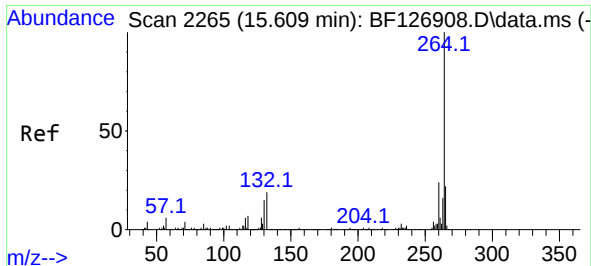
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#83
Chrysene
Concen: 2.817 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

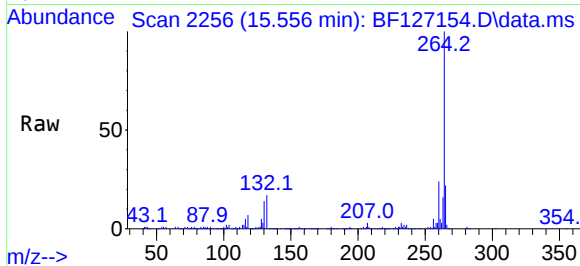
Tgt Ion:228 Resp: 23668
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 20.1 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

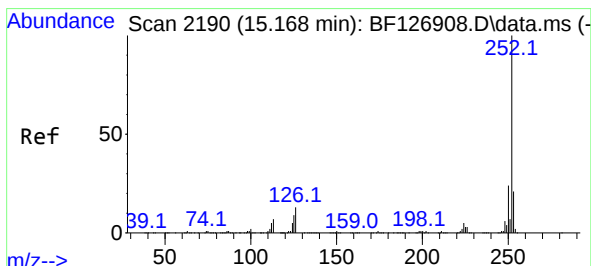
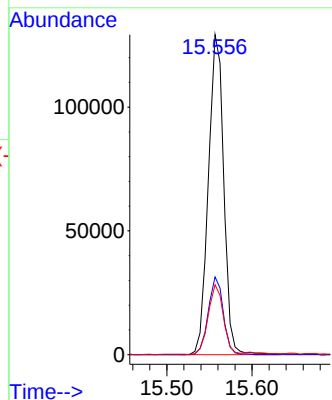
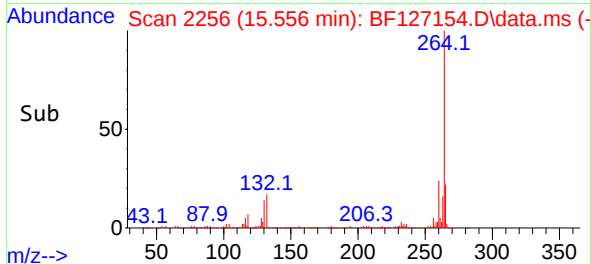
Instrument :
BNA_F
ClientSampleId :
DUM-10



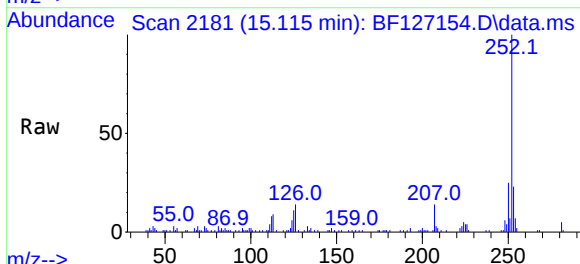
Tgt Ion:264 Resp: 161979
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.4 26.2

Manual Integrations
APPROVED

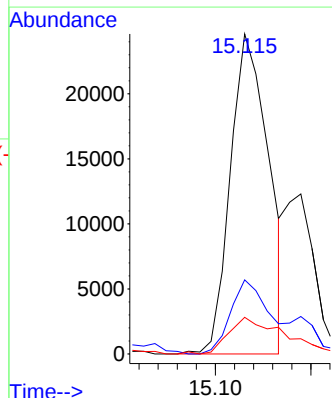
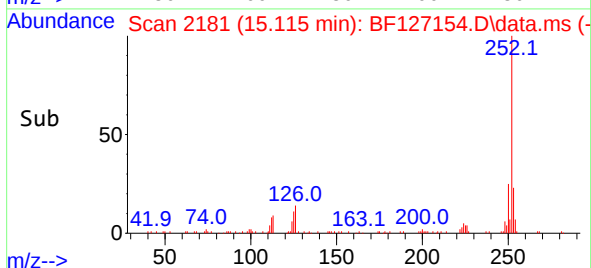
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

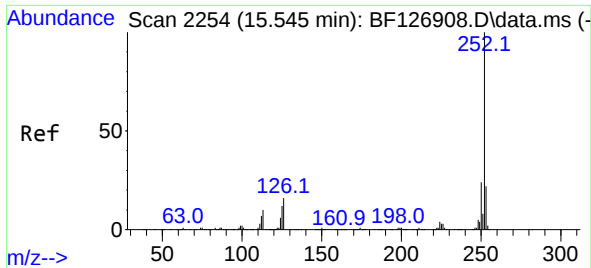


#88
Benzo(b)fluoranthene
Concen: 3.159 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37



Tgt Ion:252 Resp: 34365
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.4 12.4 18.6#





#90

Benzo(a)pyrene

Concen: 2.933 ng m

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

Instrument :

BNA_F

ClientSampleId :

DUM-10

Tgt Ion:252 Resp: 2492

Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 11.9 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022

