

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127827.D
 Acq On : 18 Apr 2022 16:08
 Operator : CG\JU
 Sample : N2442-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124030

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 04/19/2022
 Supervised By :Jagrit
 Upadhyay
 04/19/2022

Quant Time: Apr 19 05:15:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	157604	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	594684	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	338987	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	619453	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	359883	20.000	ng	-0.02
86) Perylene-d12	15.651	264	320066	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1005175	103.634	ng	0.00
7) Phenol-d6	6.575	99	1300960	102.529	ng	-0.01
23) Nitrobenzene-d5	7.516	82	939216	70.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	400584	111.047	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1579948	65.935	ng	-0.01
79) Terphenyl-d14	13.074	244	1603768	73.557	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.698	202	435470	12.159	ng	99
78) Pyrene	12.927	202	362421	11.926	ng	99
81) Benzo(a)anthracene	14.116	228	137285	5.712	ng	97
83) Chrysene	14.157	228	116683	5.057	ng	98
88) Benzo(b)fluoranthene	15.192	252	138986m	6.750	ng	
90) Benzo(a)pyrene	15.580	252	69015	4.124	ng	96

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

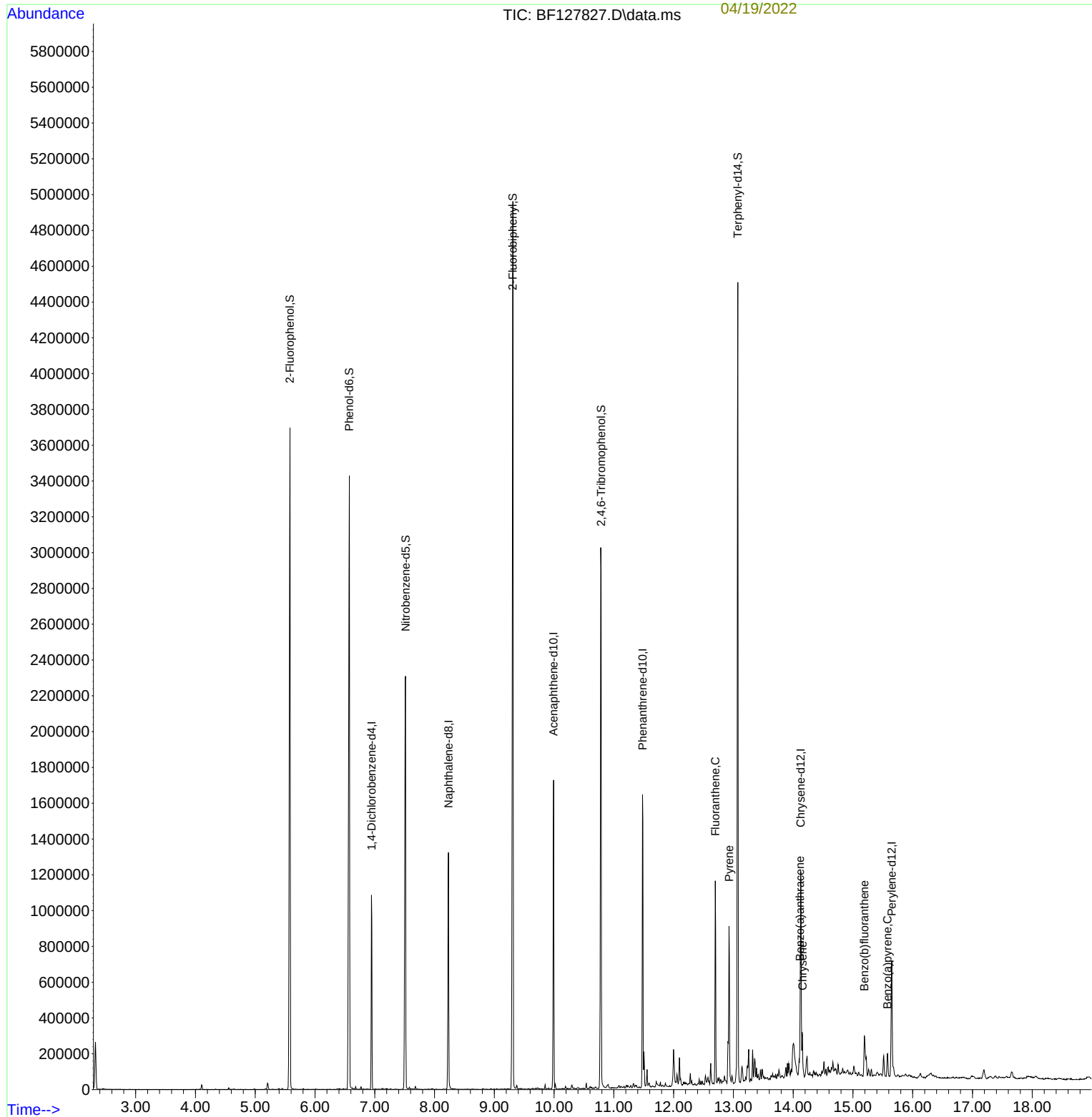
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127827.D
Acq On : 18 Apr 2022 16:08
Operator : CG\JU
Sample : N2442-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

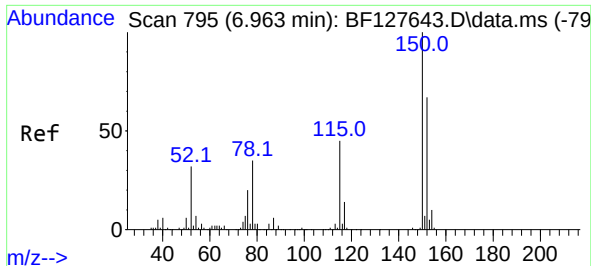
Instrument :
BNA_F
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124030

Quant Time: Apr 19 05:15:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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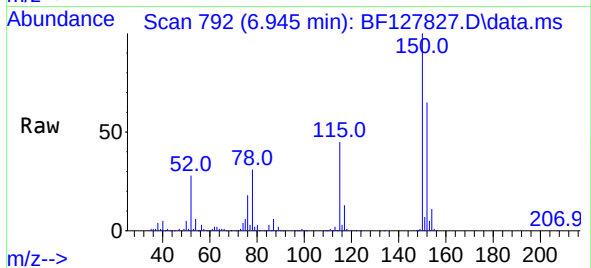
Reviewed By :Christian
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04/19/2022
Supervised By :Jagrit
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04/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

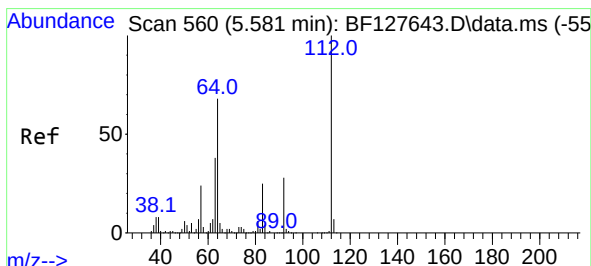
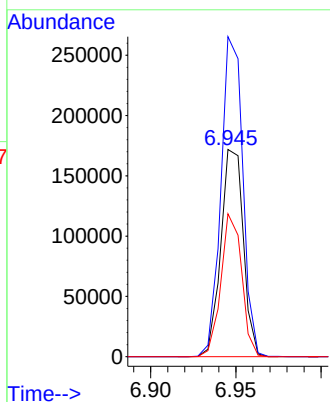
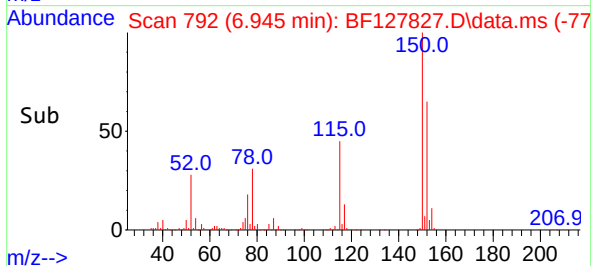
Instrument :
BNA_F
ClientSampleId :
124030



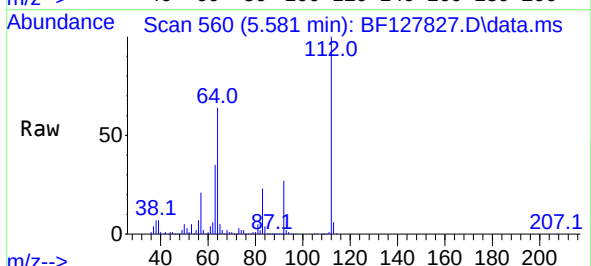
Tgt Ion:152 Resp: 157604
Ion Ratio Lower Upper
152 100
150 154.5 117.2 175.8
115 69.0 49.8 74.6

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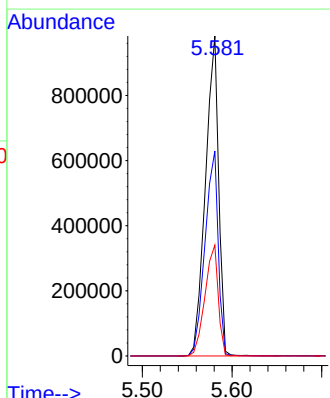
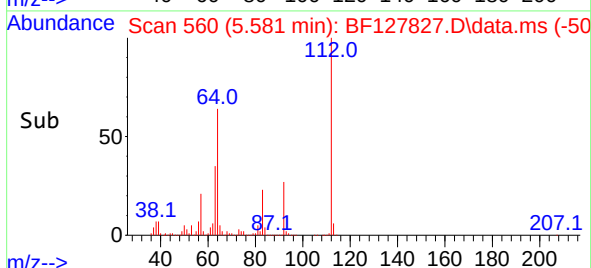
Reviewed By :Christian
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04/19/2022

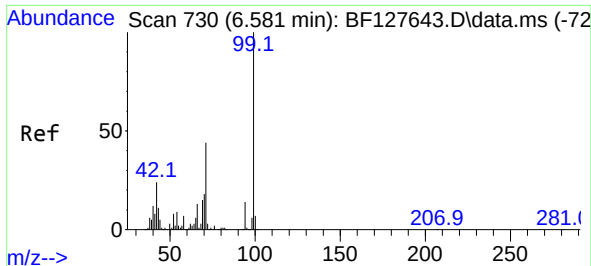


#5
2-Fluorophenol
Concen: 103.634 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08



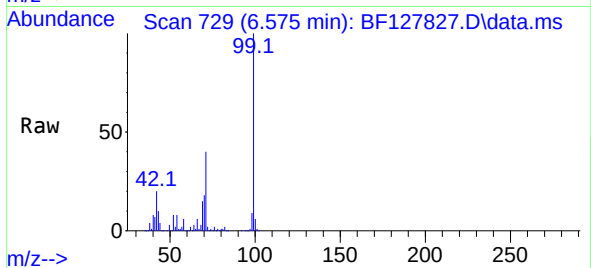
Tgt Ion:112 Resp: 1005175
Ion Ratio Lower Upper
112 100
64 64.1 58.4 87.6
63 34.7 30.1 45.1





#7
Phenol-d6
Concen: 102.529 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

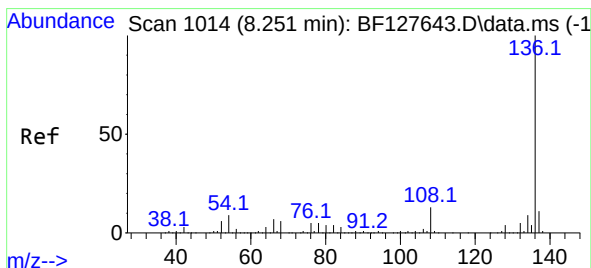
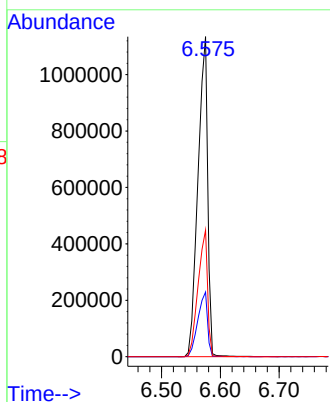
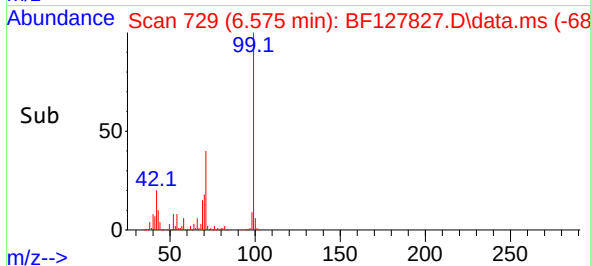
Instrument :
BNA_F
ClientSampleId :
124030



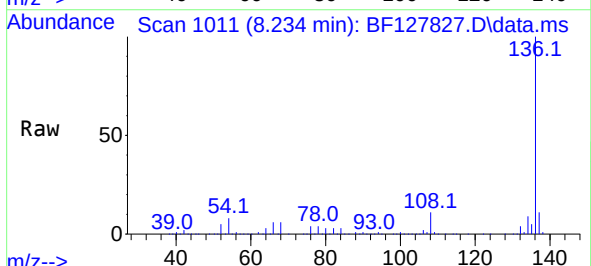
Tgt Ion: 99 Resp: 1300960
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 39.5 29.6 44.4

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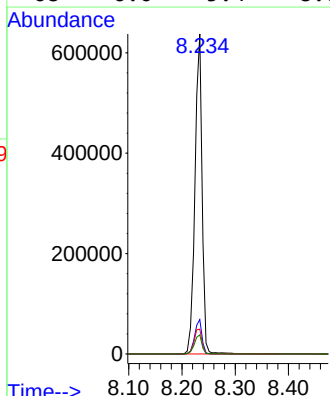
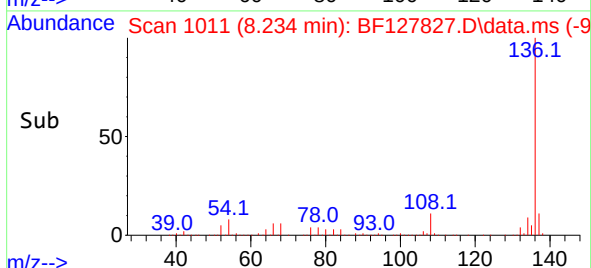
Reviewed By :Christian
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04/19/2022

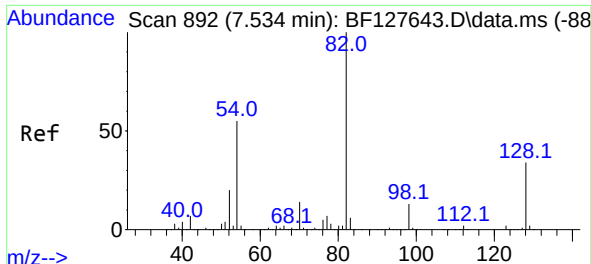


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08



Tgt Ion:136 Resp: 594684
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 9.2 13.8#
68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 70.410 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127827.D

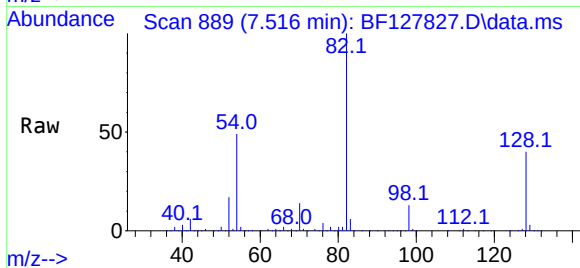
Acq: 18 Apr 2022 16:08

Instrument :

BNA_F

ClientSampleId :

124030



Tgt Ion: 82 Resp: 939210

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	45.8
54	49.1	48.2	72.2

Manual Integrations

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Reviewed By :Christian

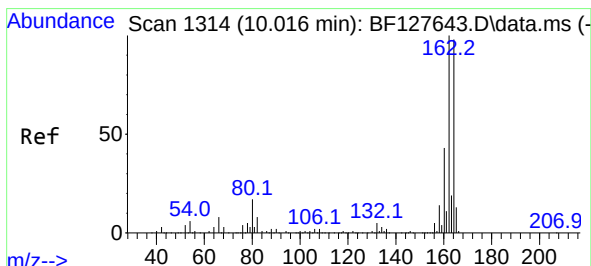
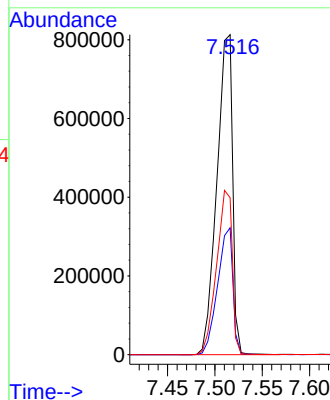
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

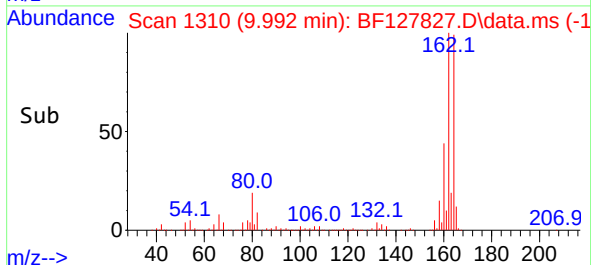
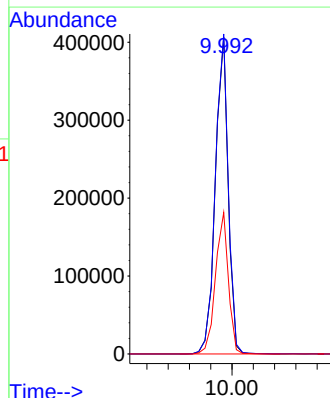
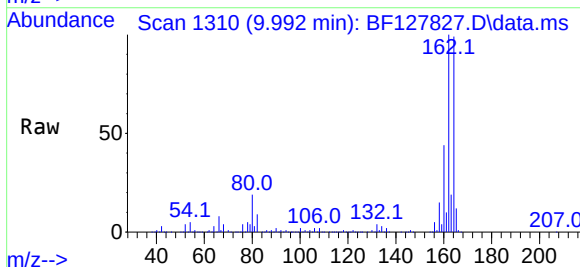
Delta R.T. -0.012 min

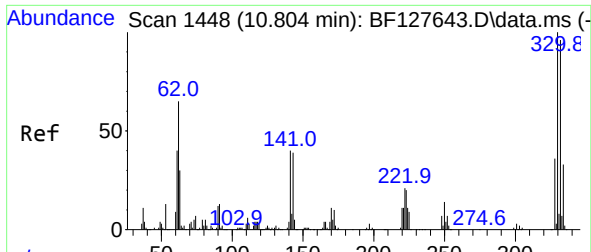
Lab File: BF127827.D

Acq: 18 Apr 2022 16:08

Tgt Ion:164 Resp: 338987

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	44.6	34.6	52.0





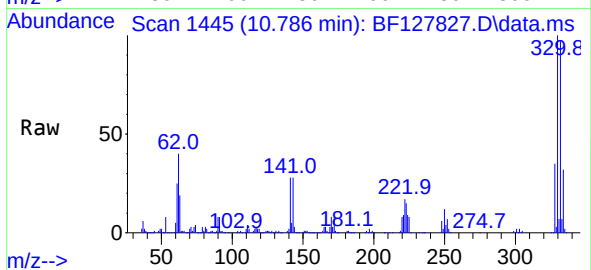
#42
2,4,6-Tribromophenol
Concen: 111.047 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

Instrument :

BNA_F

ClientSampleId :

124030

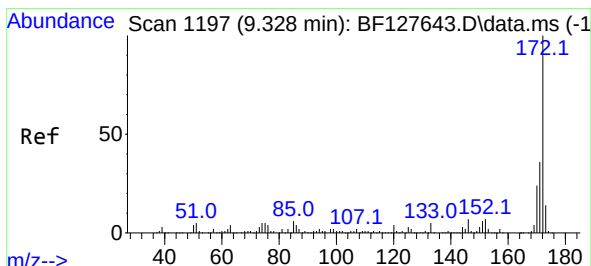
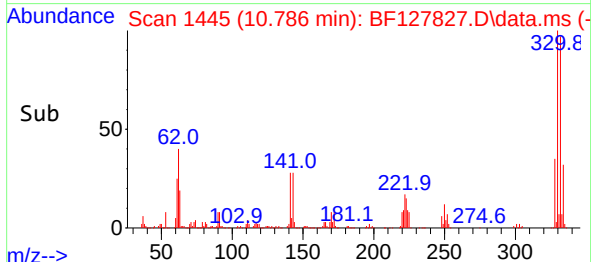
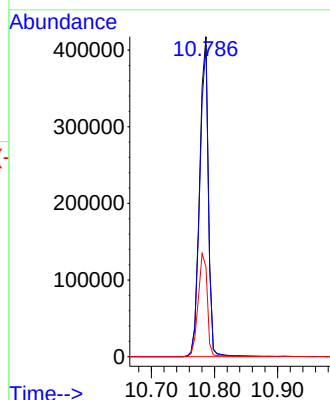


Tgt Ion:330 Resp: 400584
Ion Ratio Lower Upper
330 100
332 96.1 79.1 118.7
141 33.8 26.2 39.4

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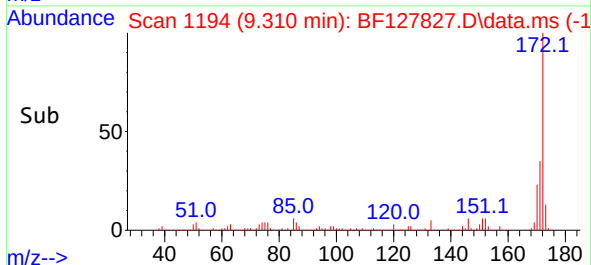
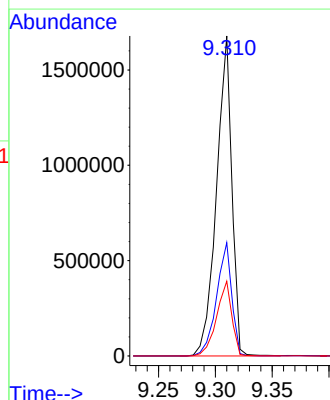
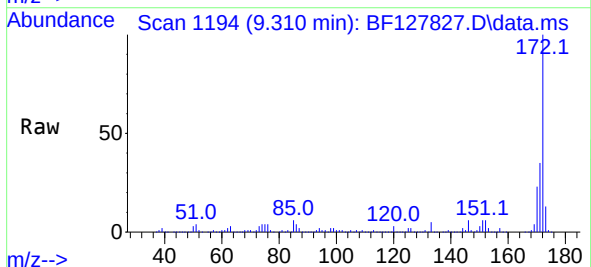
Reviewed By :Christian
Giraldo
04/19/2022

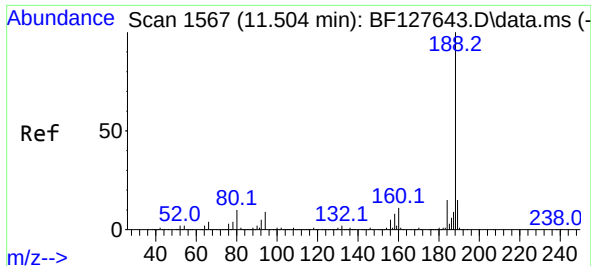
Supervised By :Jagrut
Upadhyay
04/19/2022



#45
2-Fluorobiphenyl
Concen: 65.935 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

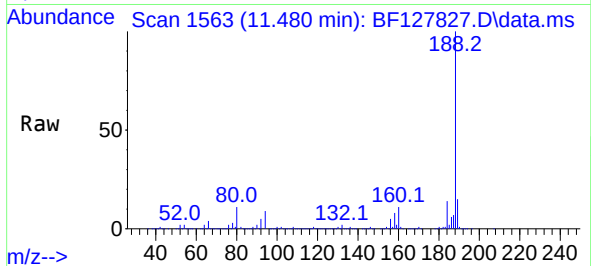
Tgt Ion:172 Resp: 1579948
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

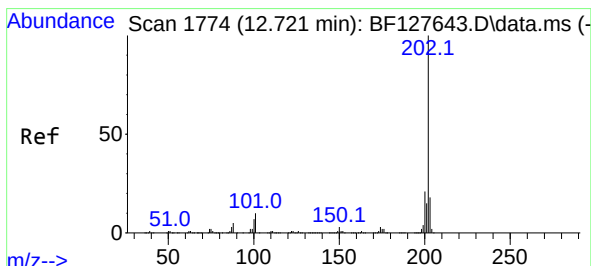
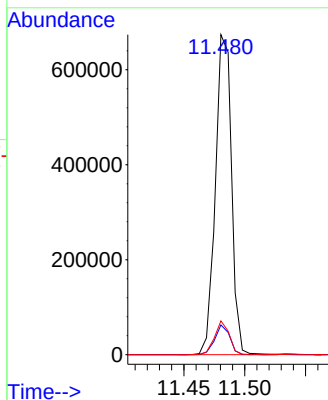
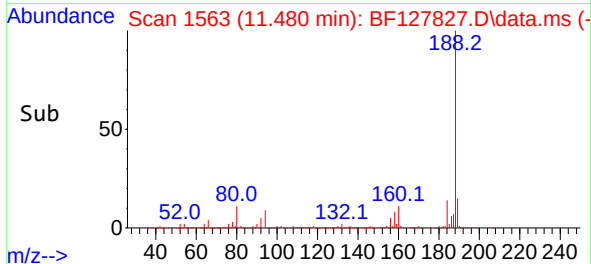
Instrument :
BNA_F
ClientSampleId :
124030



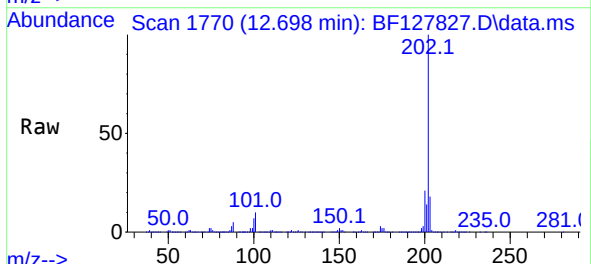
Tgt Ion:188 Resp: 61945
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.6 8.0 12.0

Manual Integrations
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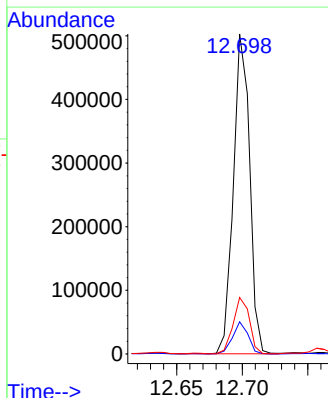
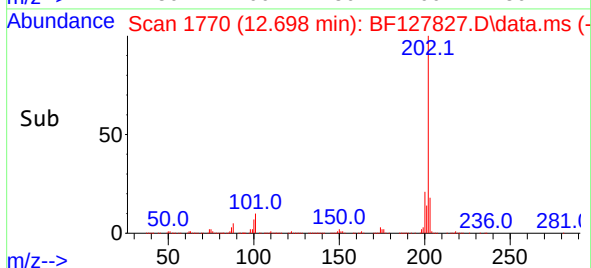
Reviewed By :Christian
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04/19/2022
Supervised By :Jagrut
Upadhyay
04/19/2022

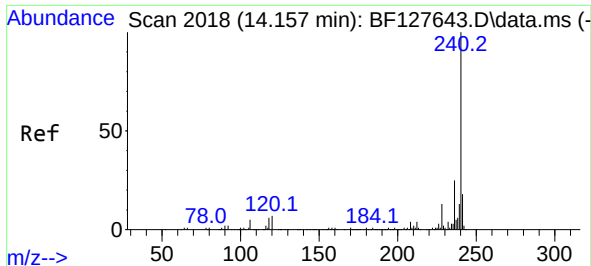


#75
Fluoranthene
Concen: 12.159 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08



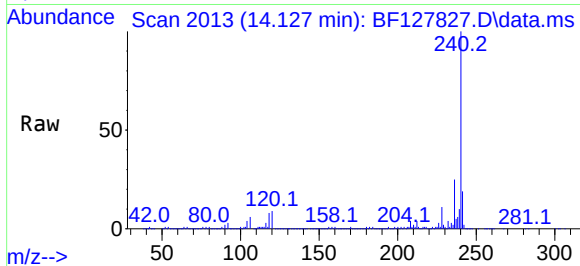
Tgt Ion:202 Resp: 435470
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.0
203 17.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

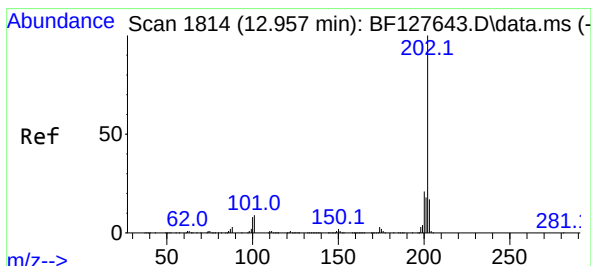
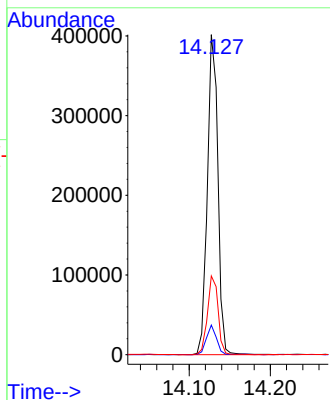
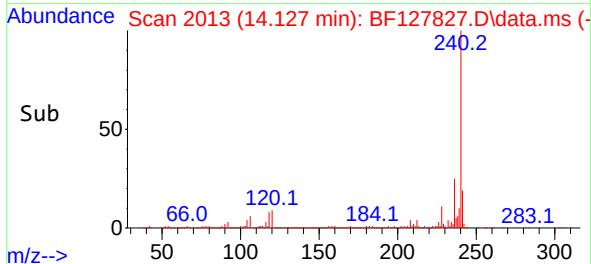
Instrument :
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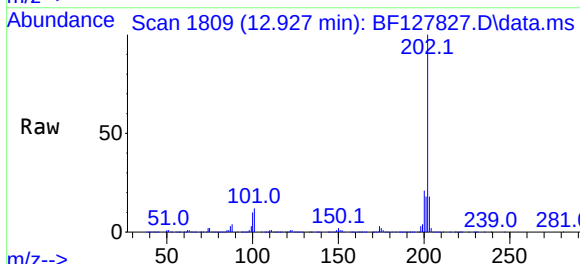
Tgt Ion:240 Resp: 35988
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 24.6 20.7 31.1

Manual Integrations
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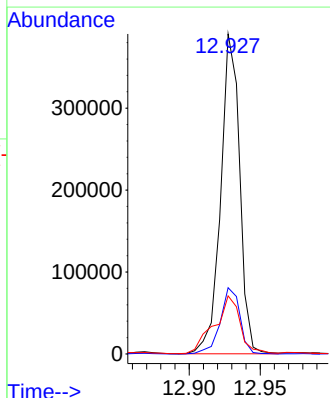
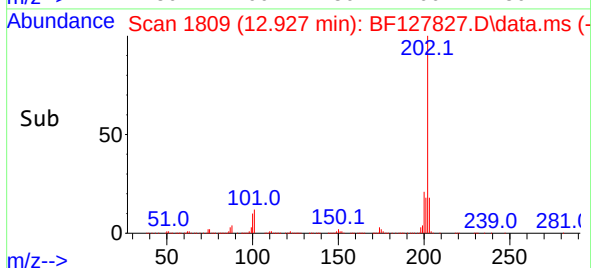
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Upadhyay
04/19/2022

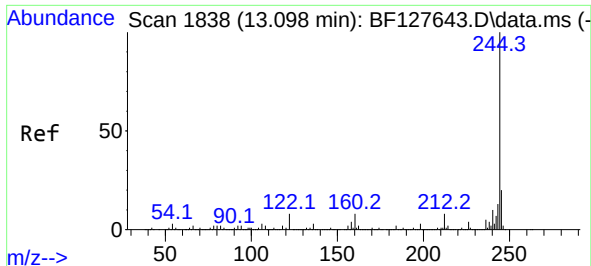


#78
Pyrene
Concen: 11.926 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08



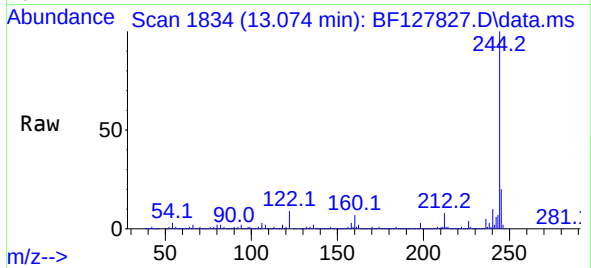
Tgt Ion:202 Resp: 362421
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 18.1 14.3 21.5





#79
Terphenyl-d14
Concen: 73.557 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

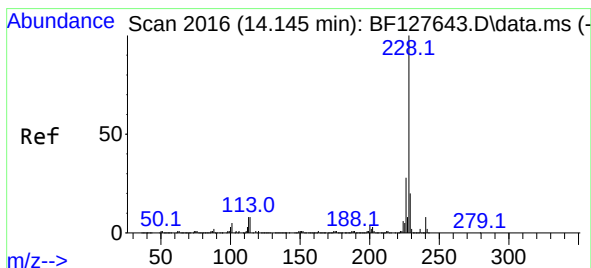
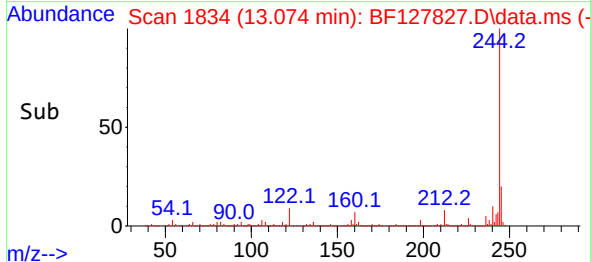
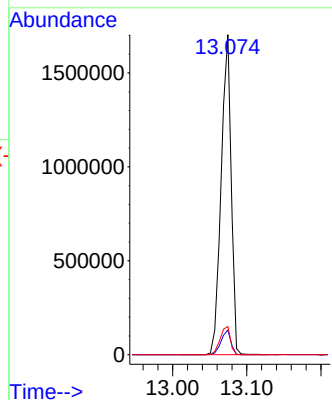
Instrument :
BNA_F
ClientSampleId :
124030



Tgt Ion:244 Resp: 1603768
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.8 6.2 9.2

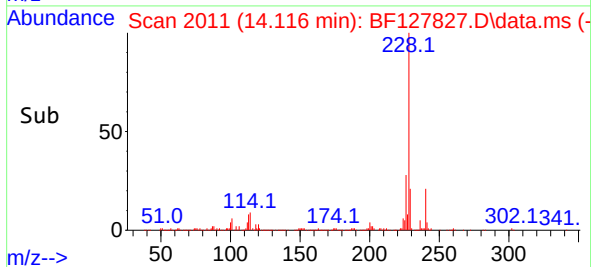
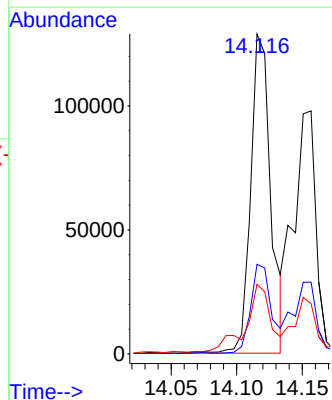
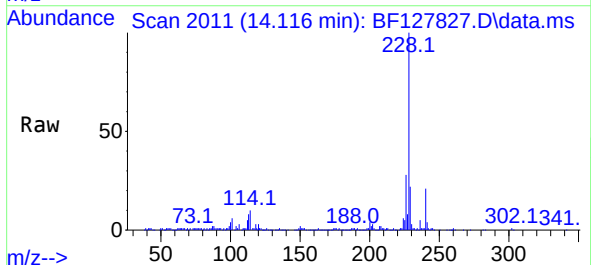
Manual Integrations
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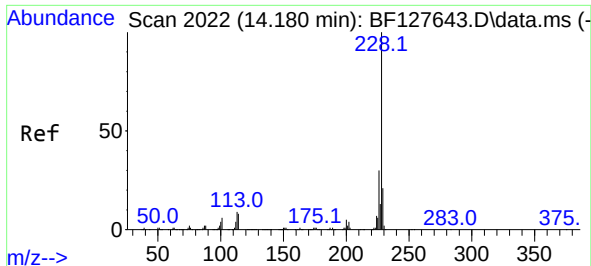
Reviewed By :Christian
Giraldo
04/19/2022
Supervised By :Jagrut
Upadhyay
04/19/2022



#81
Benzo(a)anthracene
Concen: 5.712 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

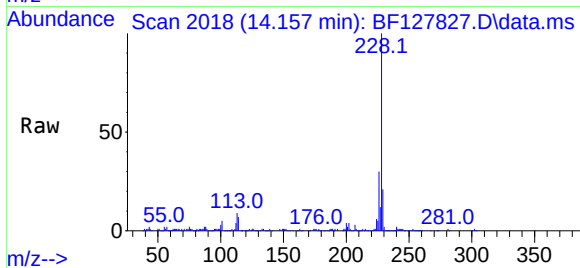
Tgt Ion:228 Resp: 137285
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 21.8 15.4 23.2





#83
Chrysene
Concen: 5.057 ng
RT: 14.157 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

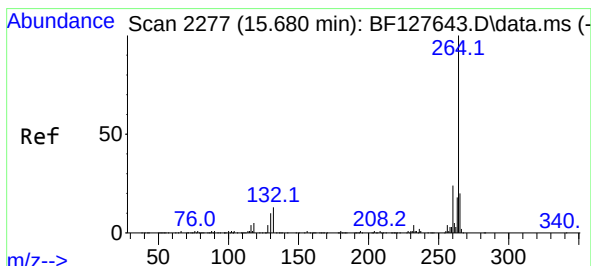
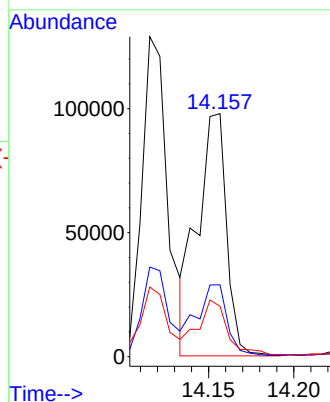
Instrument :
BNA_F
ClientSampleId :
124030



Tgt Ion:228 Resp: 11668
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 20.7 15.4 23.2

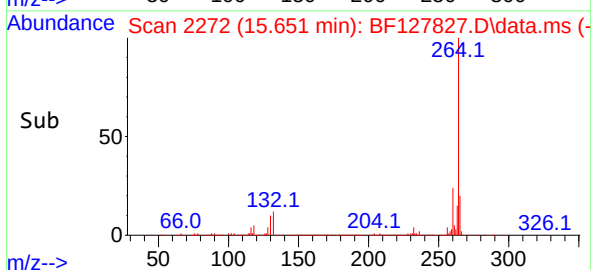
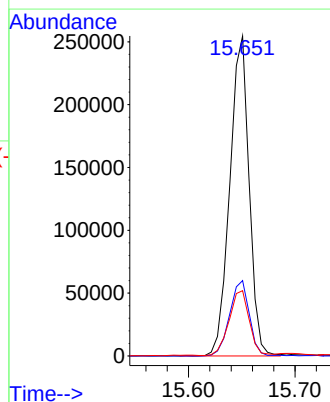
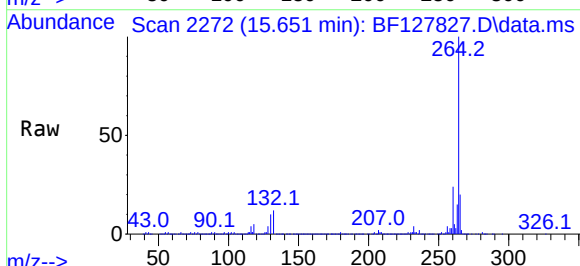
Manual Integrations
APPROVED

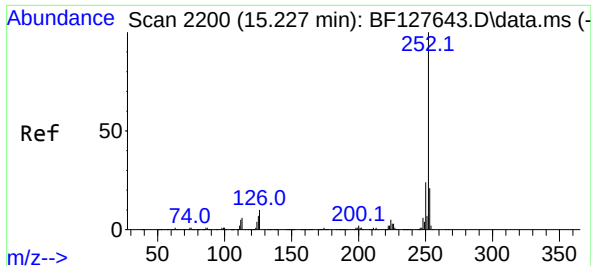
Reviewed By :Christian
Giraldo
04/19/2022
Supervised By :Jagrut
Upadhyay
04/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

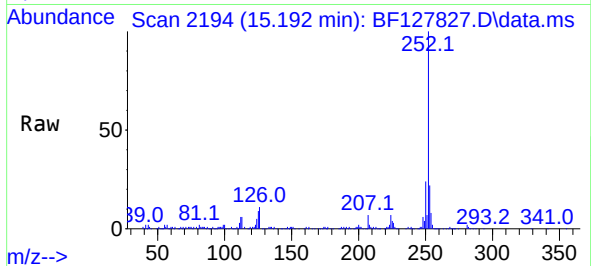
Tgt Ion:264 Resp: 320066
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 6.750 ng m
RT: 15.192 min Scan# 2194
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

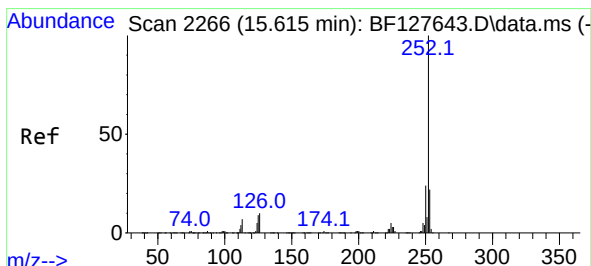
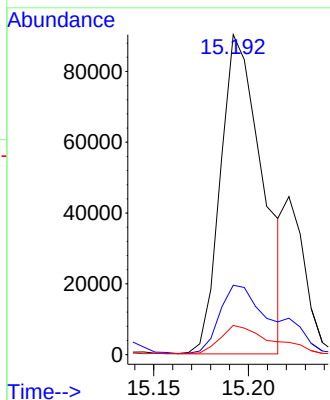
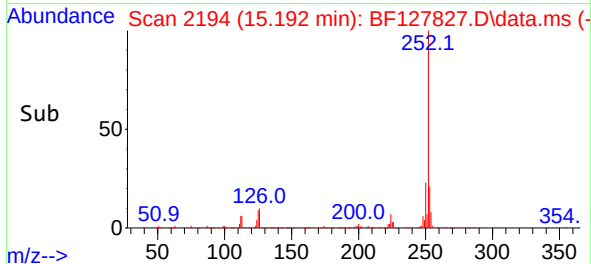
Instrument :
BNA_F
ClientSampleId :
124030



Tgt Ion:252 Resp: 138980
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.1 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
04/19/2022
Supervised By :Jagrut
Upadhyay
04/19/2022



#90
Benzo(a)pyrene
Concen: 4.124 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BF127827.D
Acq: 18 Apr 2022 16:08

Tgt Ion:252 Resp: 69015
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 10.0 6.7 10.1

