

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127900.D
 Acq On : 26 Apr 2022 00:36
 Operator : CG\JU
 Sample : N2476-03DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-02-041922DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 26 05:41:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	167901	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	628501	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	342855	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	526395	20.000	ng	0.00
76) Chrysene-d12	14.121	240	334718	20.000	ng	0.00
86) Perylene-d12	15.639	264	351526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	98203	9.316	ng	-0.01
7) Phenol-d6	6.551	99	121918	8.913	ng	-0.02
23) Nitrobenzene-d5	7.498	82	79736	5.966	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	25982	7.528	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	137095	6.765	ng	0.00
79) Terphenyl-d14	13.057	244	97098	5.304	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	10.016	154	59453m	2.990	ng	
58) Fluorene	10.527	166	73414m	3.430	ng	
71) Phenanthrene	11.498	178	660997	23.989	ng	99
72) Anthracene	11.551	178	194391	7.082	ng	100
75) Fluoranthene	12.692	202	675308	23.286	ng	99
78) Pyrene	12.921	202	569972	21.094	ng	99
81) Benzo(a)anthracene	14.110	228	285212	12.784	ng	97
83) Chrysene	14.145	228	244910	11.494	ng	96
87) Indeno(1,2,3-cd)pyrene	17.180	276	114163	4.866	ng	97
88) Benzo(b)fluoranthene	15.186	252	308443m	13.970	ng	
89) Benzo(k)fluoranthene	15.210	252	104893m	4.716	ng	
90) Benzo(a)pyrene	15.568	252	229659	12.540	ng	99
92) Benzo(g,h,i)perylene	17.645	276	101994	5.143	ng	98

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

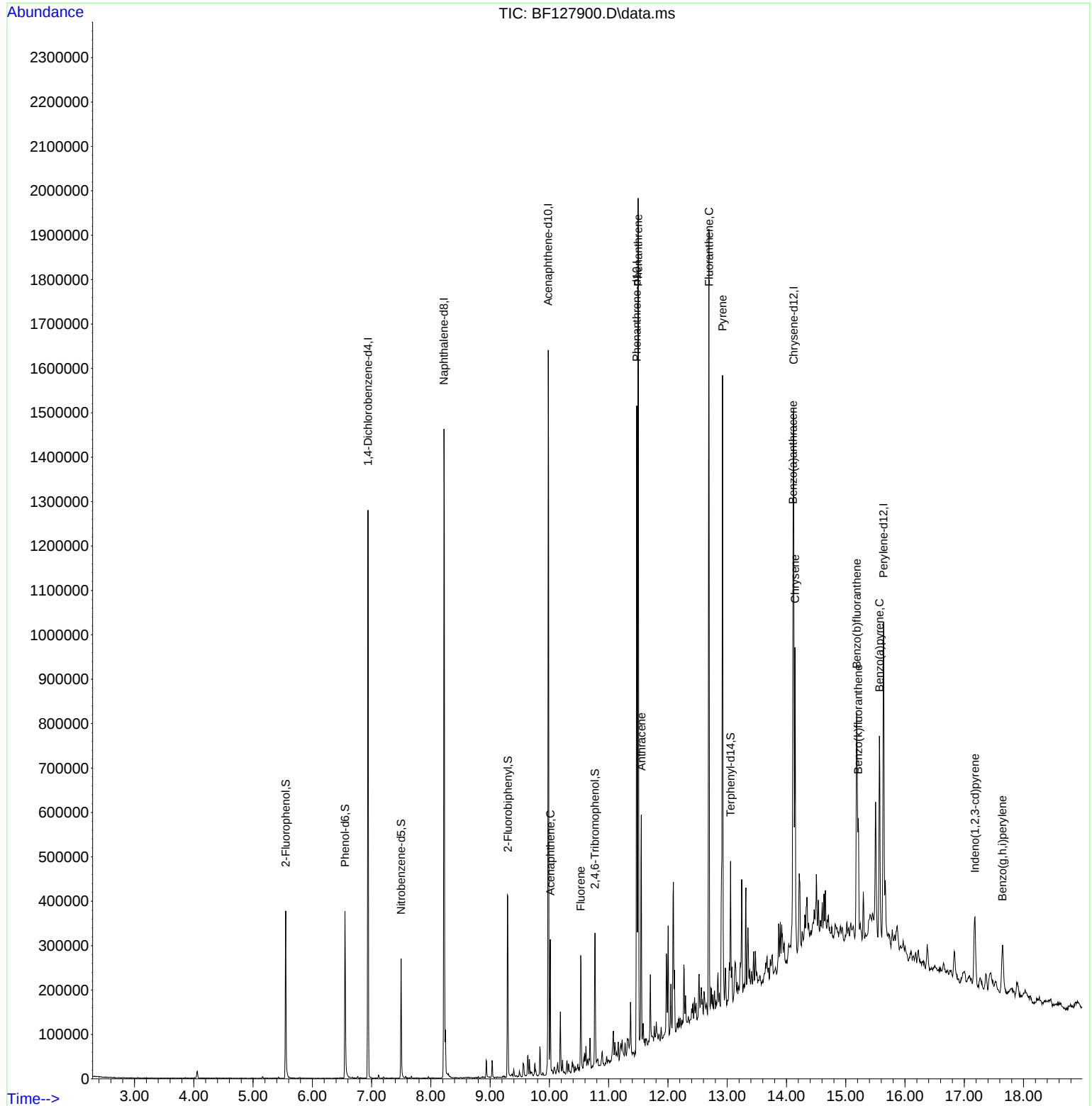
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127900.D
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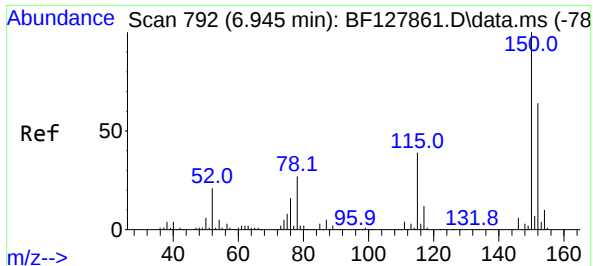
Instrument :
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PAT-02-041922DL

Quant Time: Apr 26 05:41:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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APPROVED

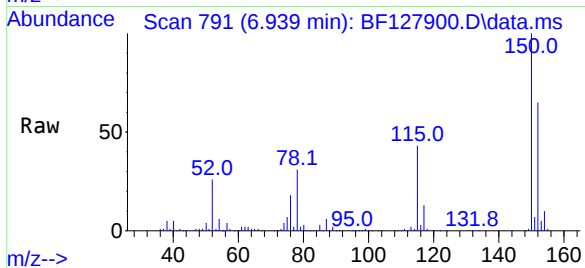
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

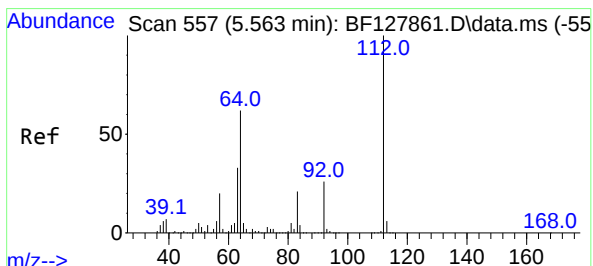
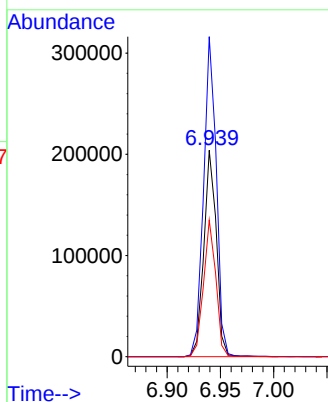
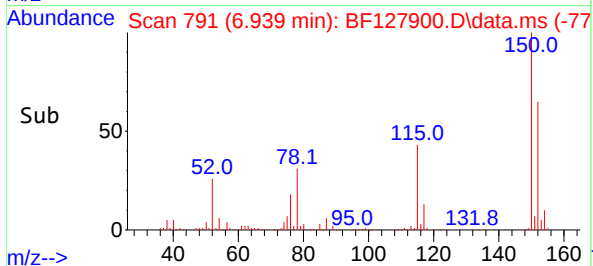
Instrument :
BNA_F
ClientSampleId :
PAT-02-041922DL



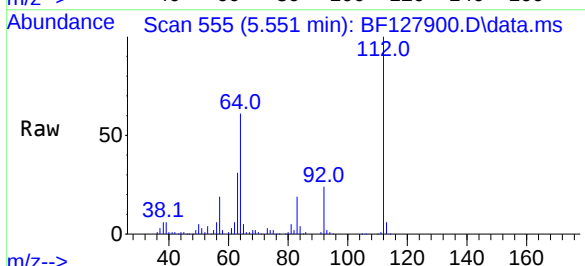
Tgt Ion:152 Resp: 16790
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 66.2 48.8 73.2

Manual Integrations
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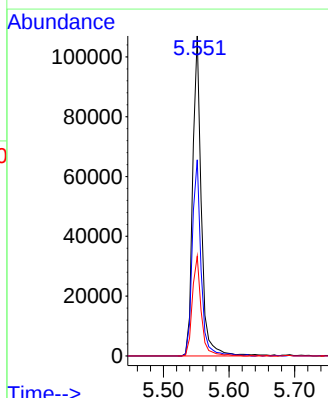
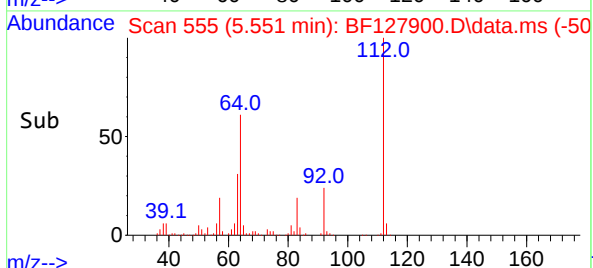
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



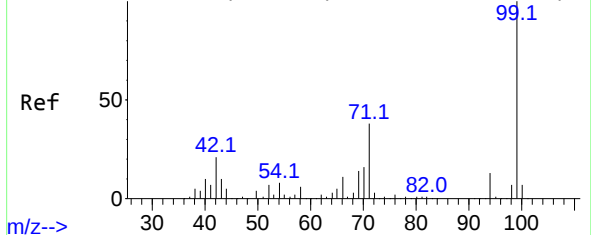
#5
2-Fluorophenol
Concen: 9.316 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36



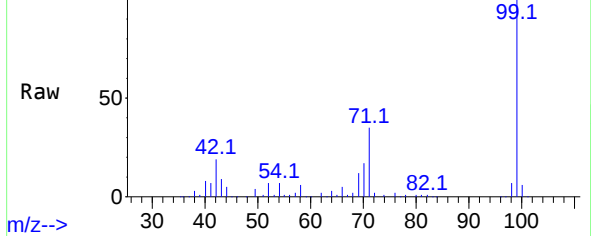
Tgt Ion:112 Resp: 98203
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 31.2 26.3 39.5



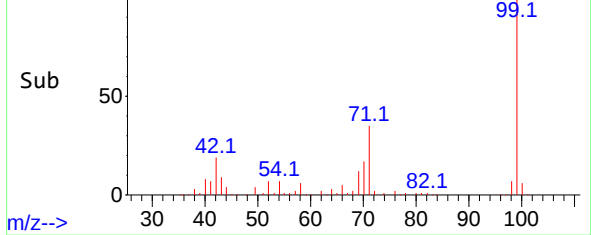
Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



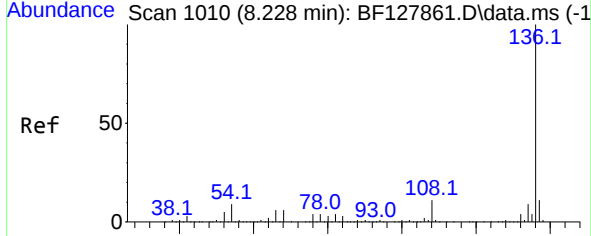
m/z--> Scan 725 (6.551 min): BF127900.D\data.ms



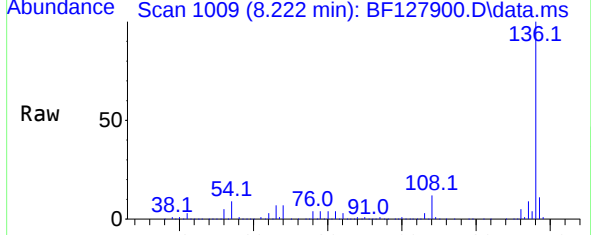
Abundance Scan 725 (6.551 min): BF127900.D\data.ms (-67



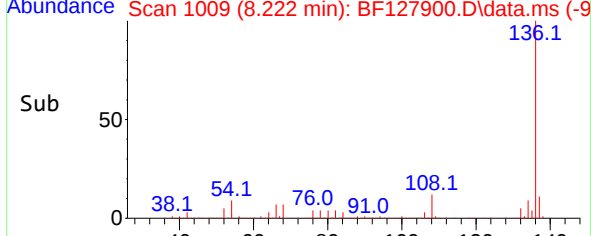
m/z--> Scan 1010 (8.228 min): BF127861.D\data.ms (-1



m/z--> Scan 1009 (8.222 min): BF127900.D\data.ms



Abundance Scan 1009 (8.222 min): BF127900.D\data.ms (-9



m/z--> Scan 1009 (8.222 min): BF127900.D\data.ms (-9

#7

Phenol-d6

Concen: 8.913 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Tgt Ion: 99 Resp: 121918

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 35.0 30.0 45.0

Instrument :

BNA_F

ClientSampleId :

PAT-02-041922DL

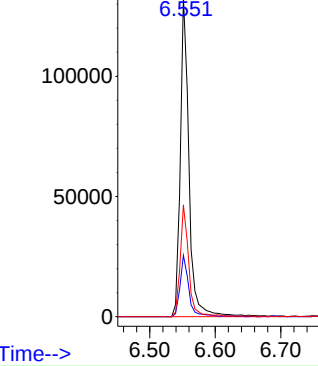
Manual Integrations

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Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.222 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Tgt Ion:136 Resp: 628501

Ion Ratio Lower Upper

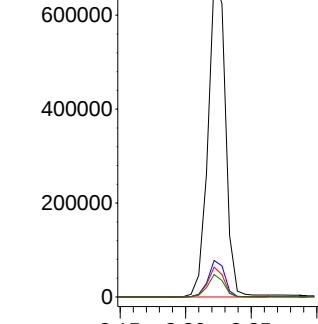
136 100

137 11.4 8.6 13.0

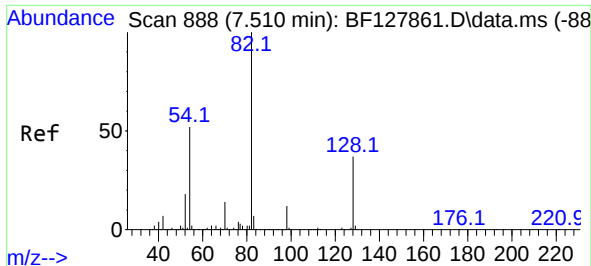
54 9.3 6.8 10.2

68 7.0 5.1 7.7

Abundance



Time-->



#23

Nitrobenzene-d5

Concen: 5.966 ng

RT: 7.498 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Instrument :

BNA_F

ClientSampleId :

PAT-02-041922DL

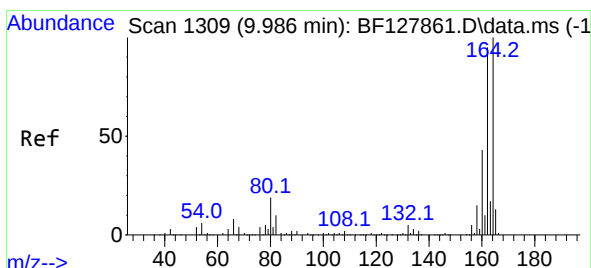
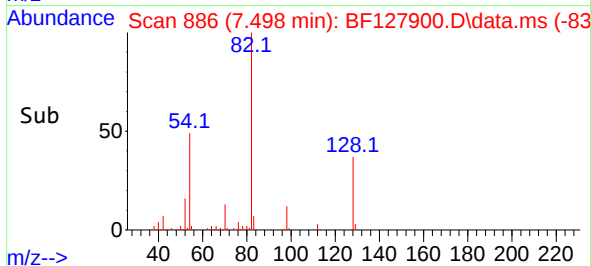
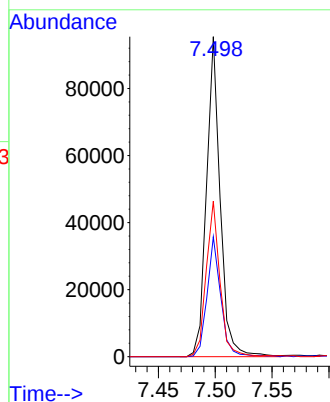
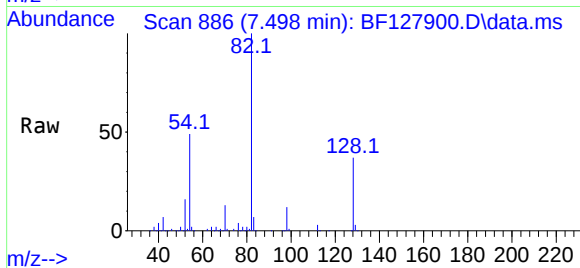
Tgt Ion: 82 Resp: 79730

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	48.6	41.3	61.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

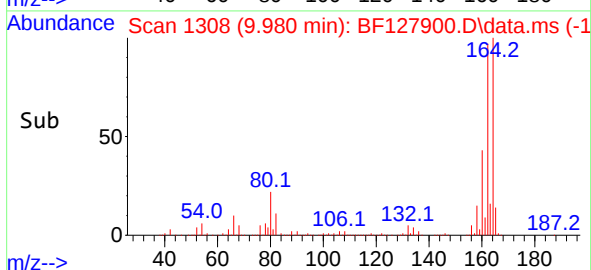
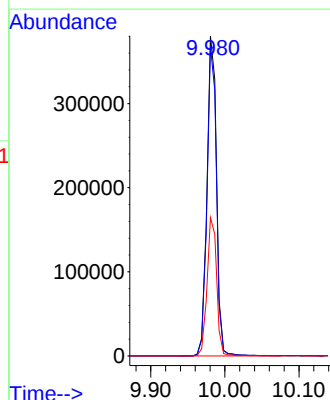
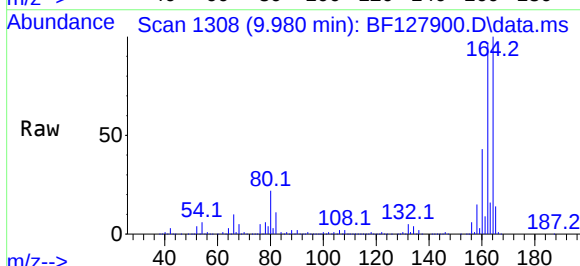
Delta R.T. -0.006 min

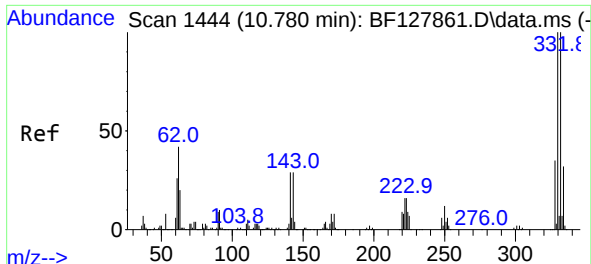
Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Tgt Ion:164 Resp: 342855

Ion	Ratio	Lower	Upper
164	100		
162	96.8	76.0	114.0
160	43.3	34.8	52.2





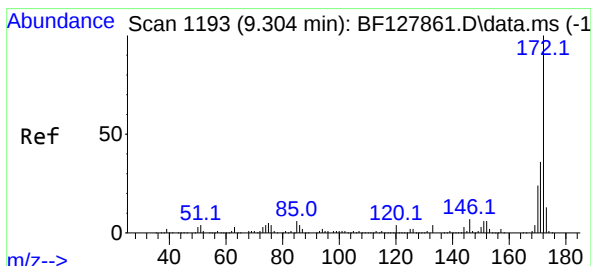
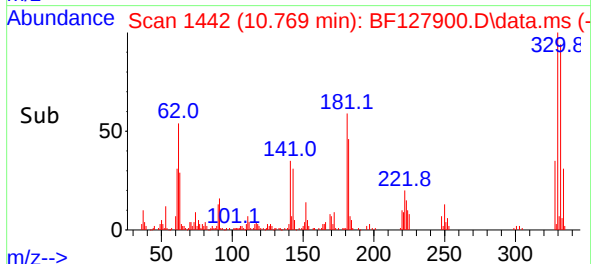
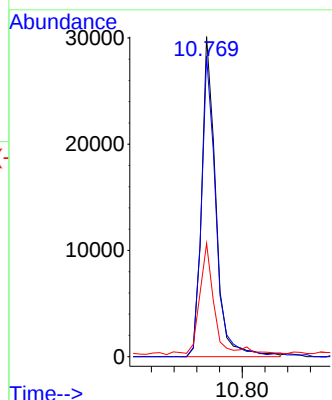
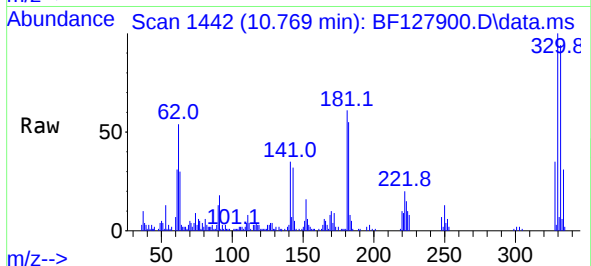
#42
2,4,6-Tribromophenol
Concen: 7.528 ng
RT: 10.769 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

Instrument :
BNA_F
ClientSampleId :
PAT-02-041922DL

Tgt Ion: 330 Resp: 2598
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 34.1 28.9 43.3

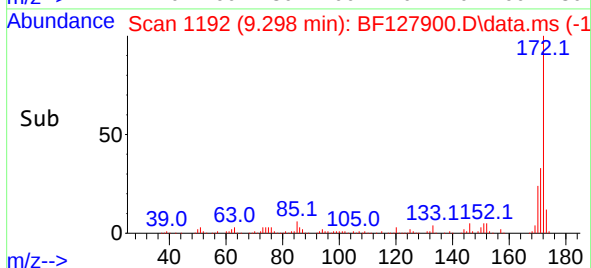
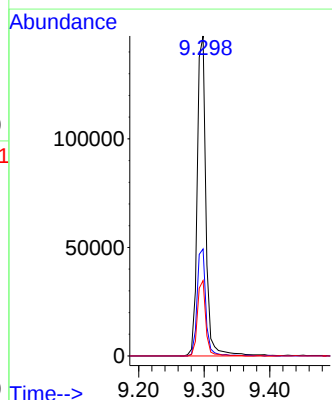
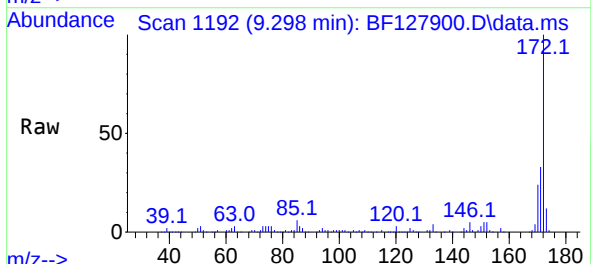
Manual Integrations
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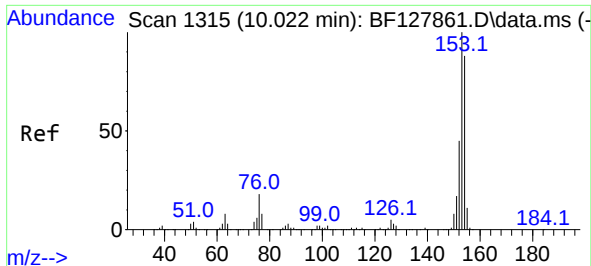
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022



#45
2-Fluorobiphenyl
Concen: 6.765 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

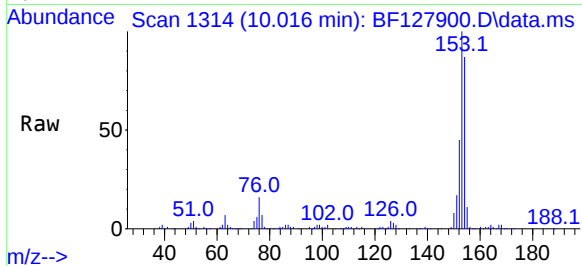
Tgt Ion: 172 Resp: 137095
Ion Ratio Lower Upper
172 100
171 33.5 28.6 42.8
170 23.6 19.1 28.7





#52
Acenaphthene
Concen: 2.990 ng m
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

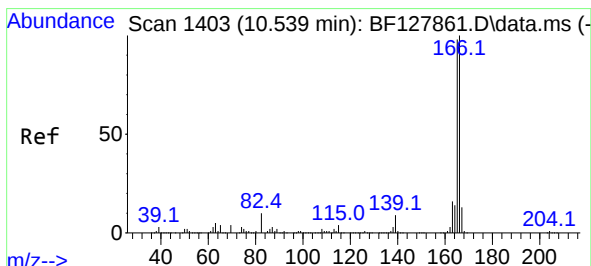
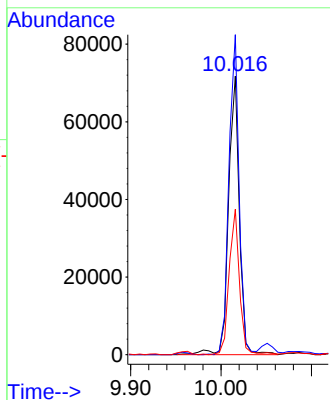
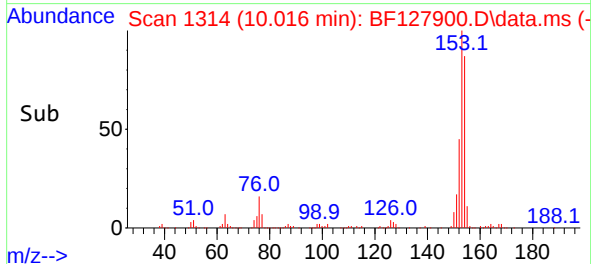
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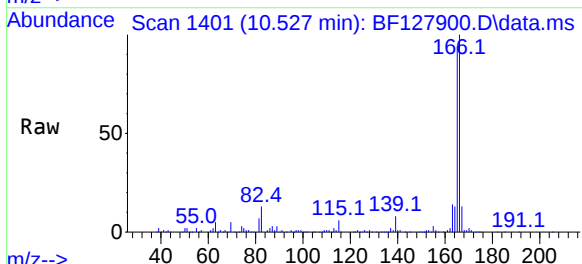
Tgt Ion:154 Resp: 5945
Ion Ratio Lower Upper
154 100
153 114.9 90.5 135.7
152 52.2 41.0 61.6

Manual Integrations
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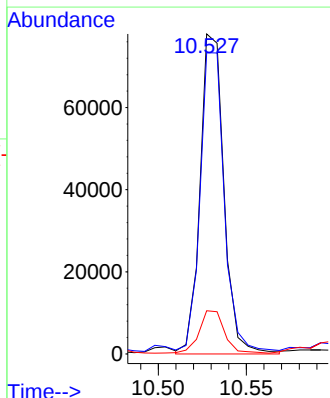
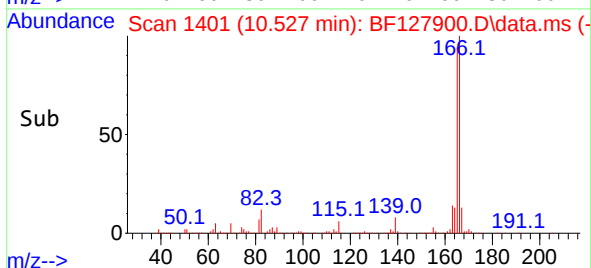
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

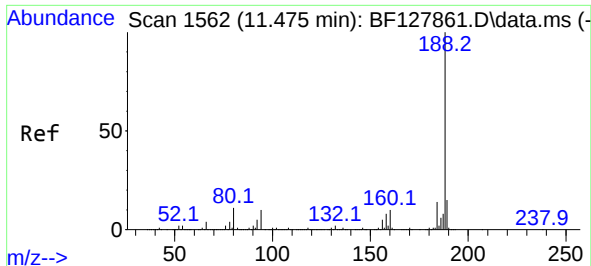


#58
Fluorene
Concen: 3.430 ng m
RT: 10.527 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36



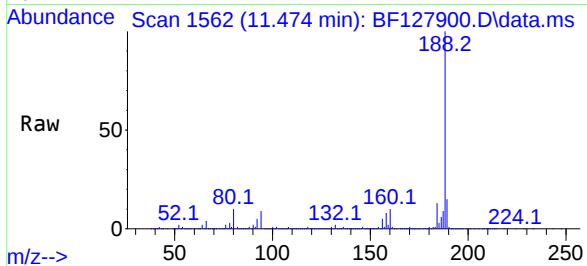
Tgt Ion:166 Resp: 73414
Ion Ratio Lower Upper
166 100
165 94.1 78.6 117.8
167 13.5 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

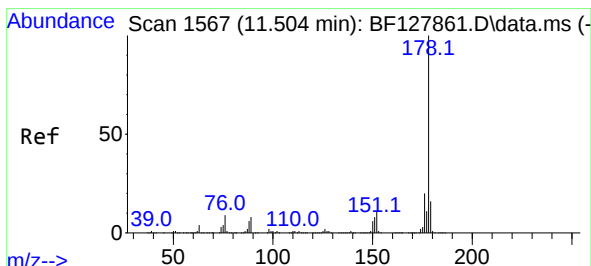
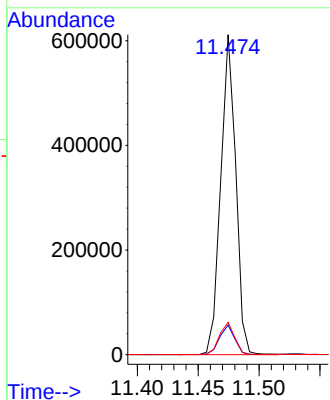
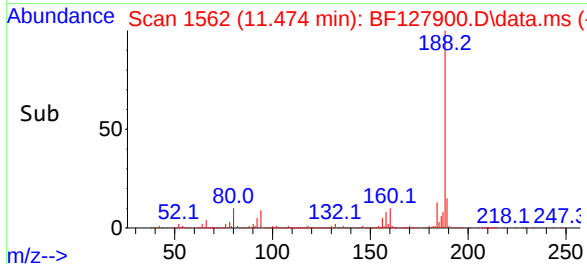
Instrument :
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PAT-02-041922DL



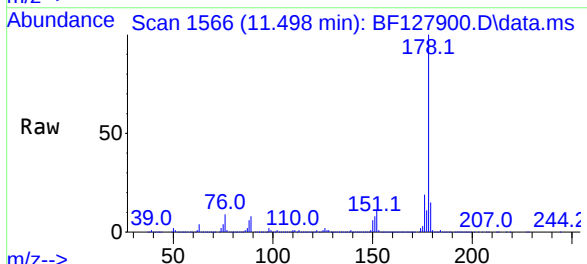
Tgt Ion:188 Resp: 52639
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.1 8.9 13.3

Manual Integrations
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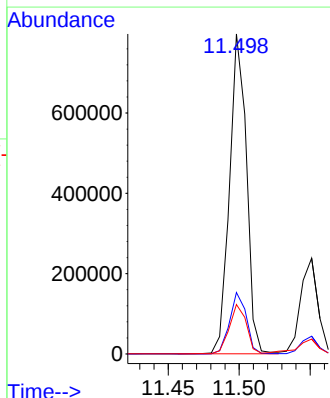
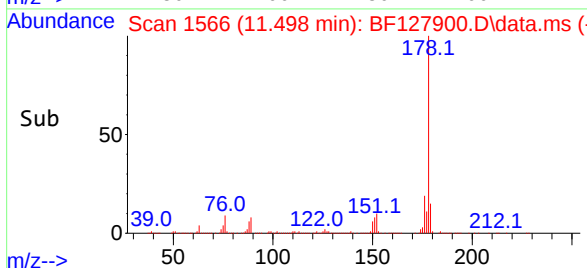
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

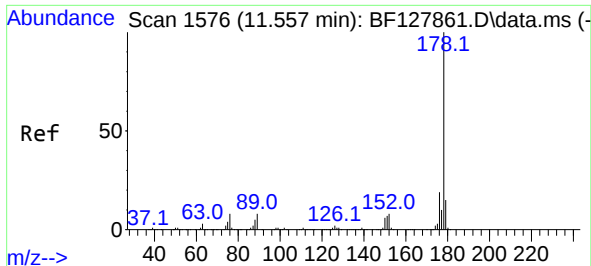


#71
Phenanthrene
Concen: 23.989 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36



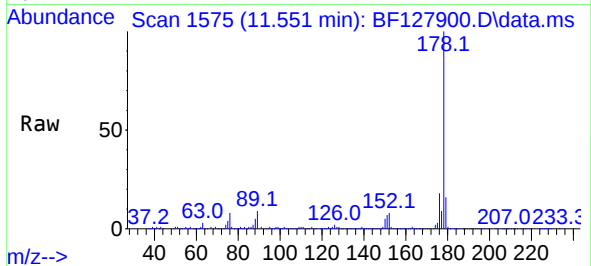
Tgt Ion:178 Resp: 660997
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.5 12.6 19.0





#72
 Anthracene
 Concen: 7.082 ng
 RT: 11.551 min Scan# 1155
 Delta R.T. -0.006 min
 Lab File: BF127900.D
 Acq: 26 Apr 2022 00:36

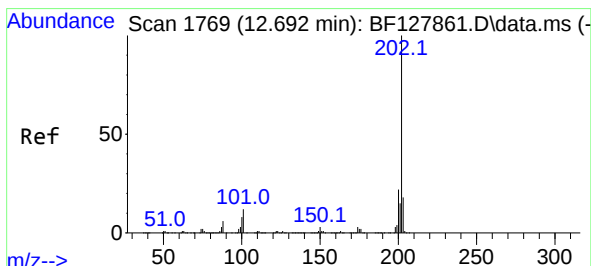
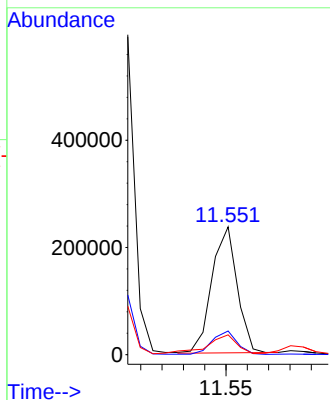
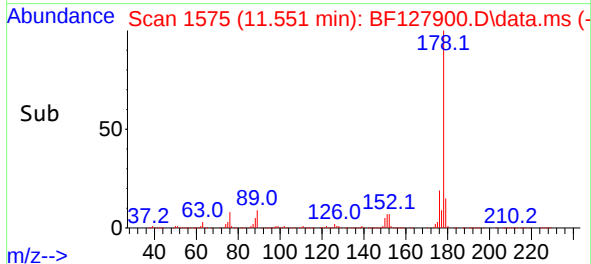
Instrument :
 BNA_F
 ClientSampleId :
 PAT-02-041922DL



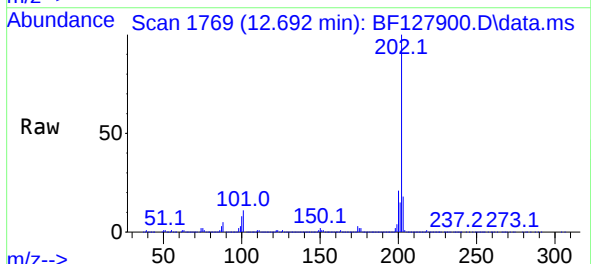
Tgt Ion:178 Resp: 19439
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.6
 179 15.5 12.4 18.6

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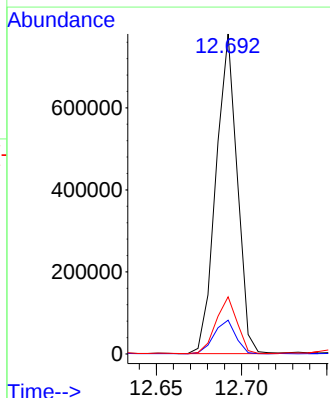
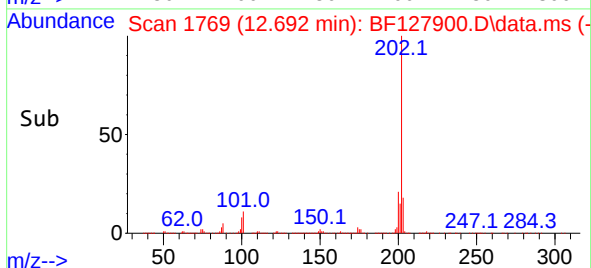
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/28/2022

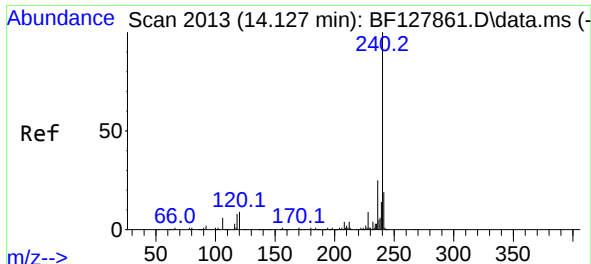


#75
 Fluoranthene
 Concen: 23.286 ng
 RT: 12.692 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: BF127900.D
 Acq: 26 Apr 2022 00:36



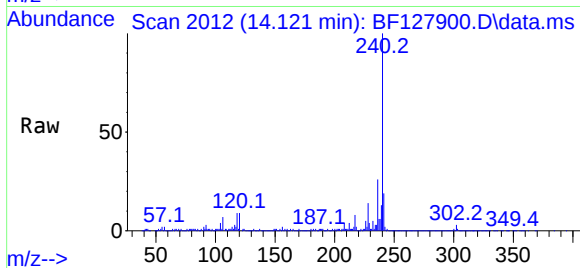
Tgt Ion:202 Resp: 675308
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.6
 203 17.9 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

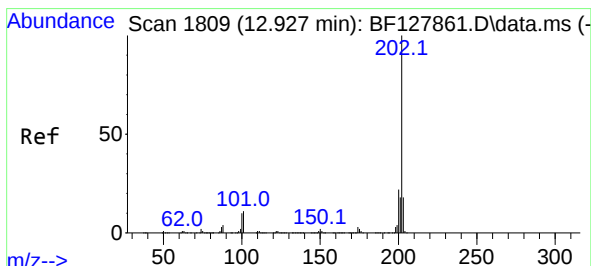
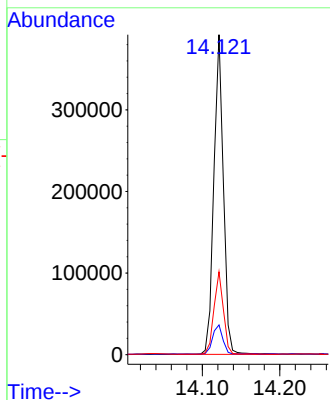
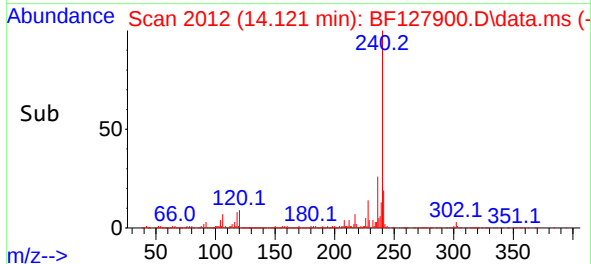
Instrument :
BNA_F
ClientSampleId :
PAT-02-041922DL



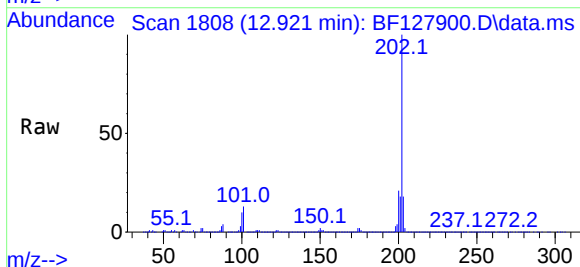
Tgt Ion:240 Resp: 334718
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.9 20.3 30.5

Manual Integrations
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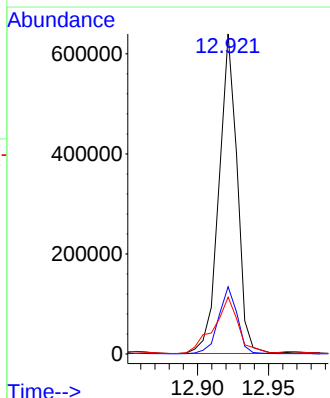
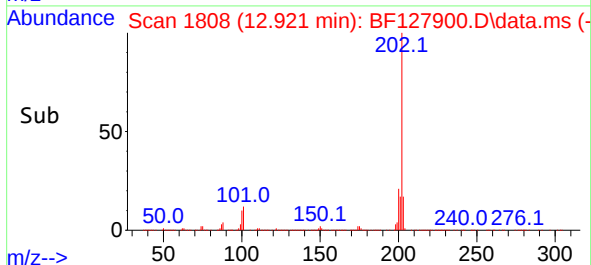
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

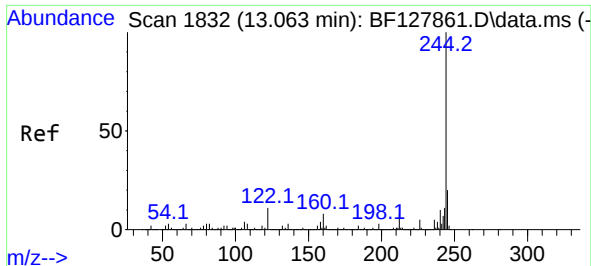


#78
Pyrene
Concen: 21.094 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36



Tgt Ion:202 Resp: 569972
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.8 14.0 21.0





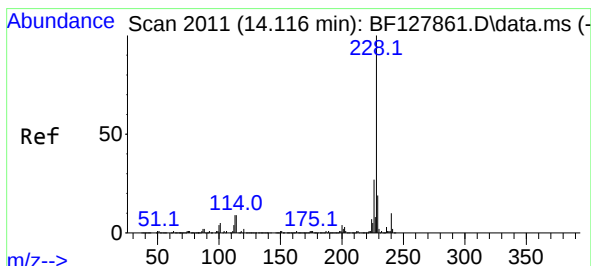
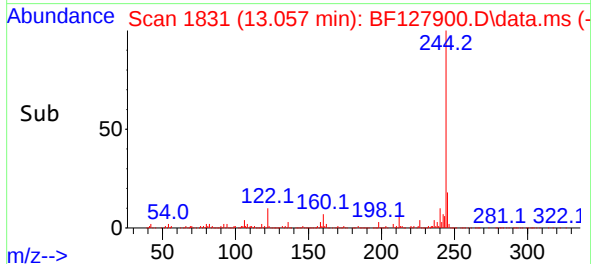
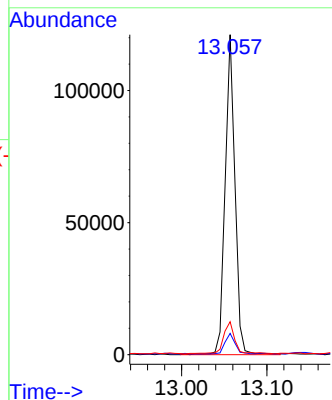
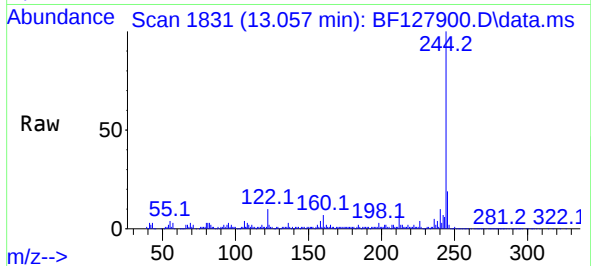
#79
 Terphenyl-d14
 Concen: 5.304 ng
 RT: 13.057 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF127900.D
 Acq: 26 Apr 2022 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PAT-02-041922DL

Tgt Ion:244 Resp: 97098
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 10.3 8.6 12.8

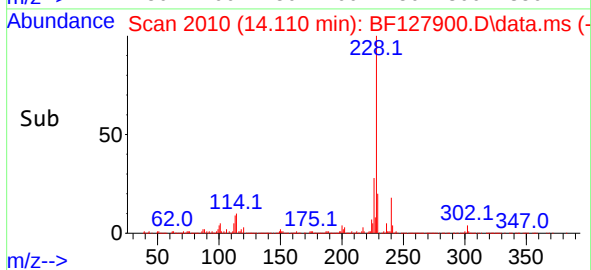
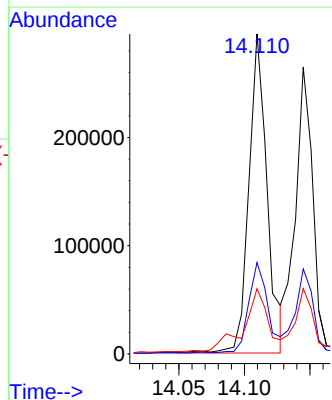
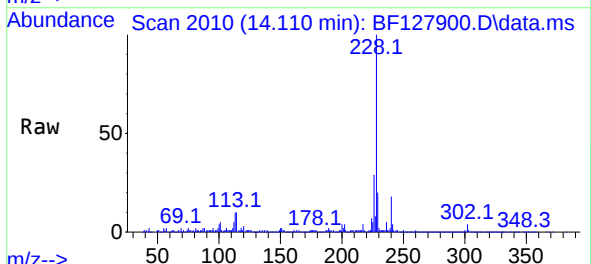
Manual Integrations
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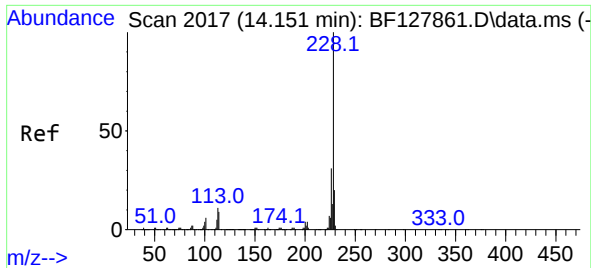
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#81
 Benzo(a)anthracene
 Concen: 12.784 ng
 RT: 14.110 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: BF127900.D
 Acq: 26 Apr 2022 00:36

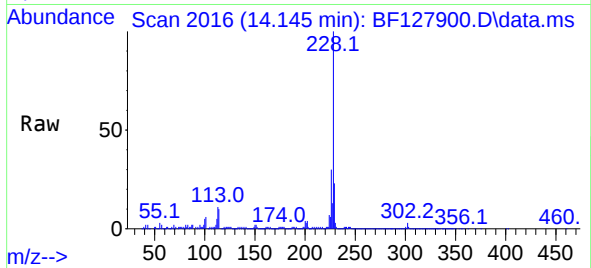
Tgt Ion:228 Resp: 285212
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.7 32.5
 229 20.4 15.4 23.2





#83
Chrysene
Concen: 11.494 ng
RT: 14.145 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

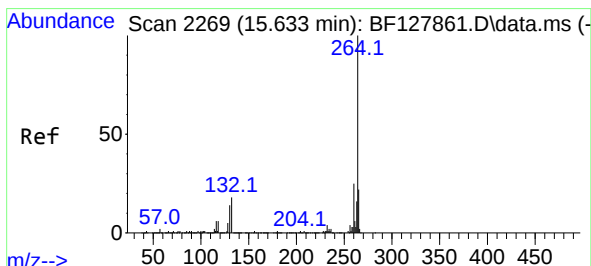
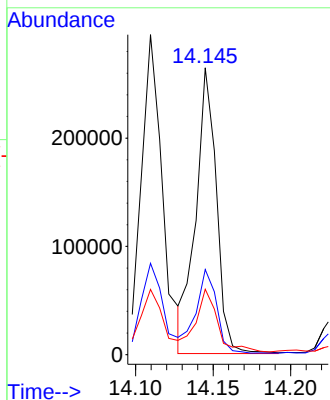
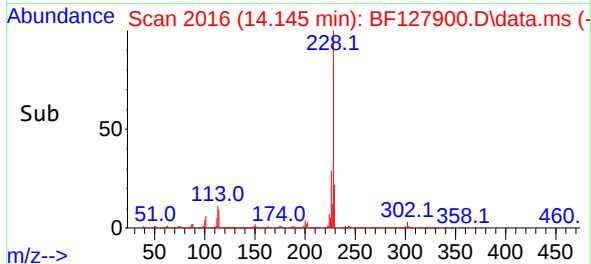
Instrument :
BNA_F
ClientSampleId :
PAT-02-041922DL



Tgt Ion:228 Resp: 244910
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 22.8 15.8 23.8

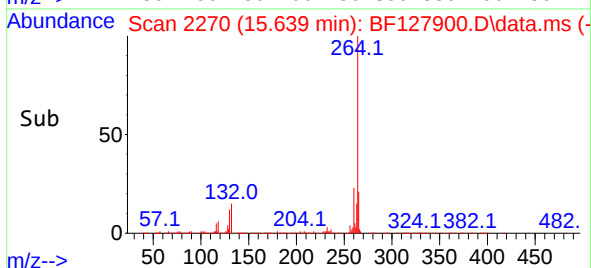
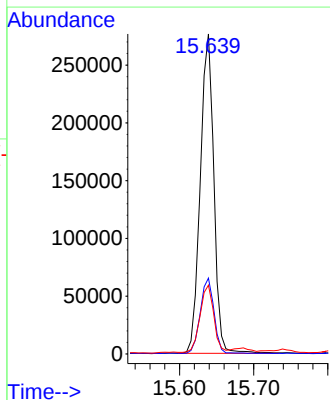
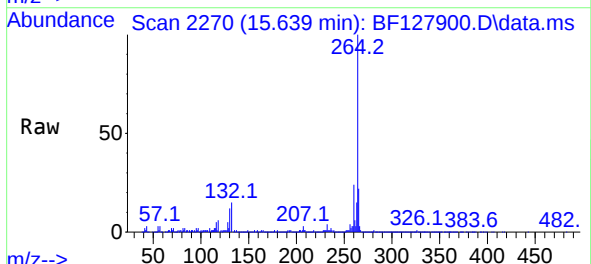
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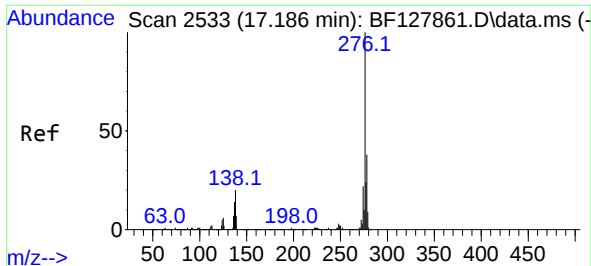
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

Tgt Ion:264 Resp: 351526
Ion Ratio Lower Upper
264 100
260 23.7 20.1 30.1
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.866 ng
RT: 17.180 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

Instrument :

BNA_F

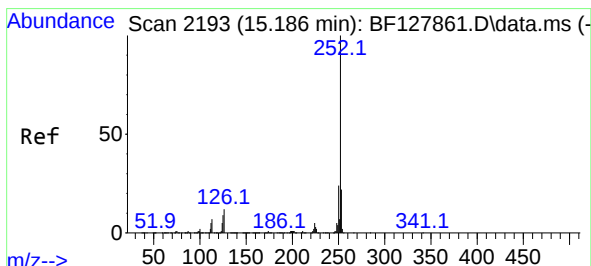
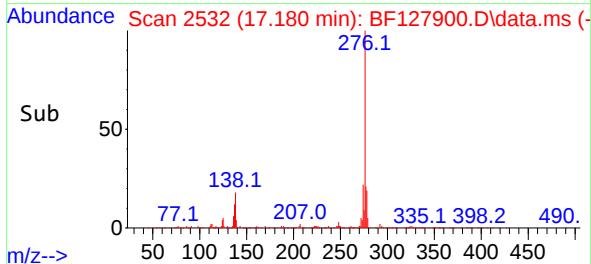
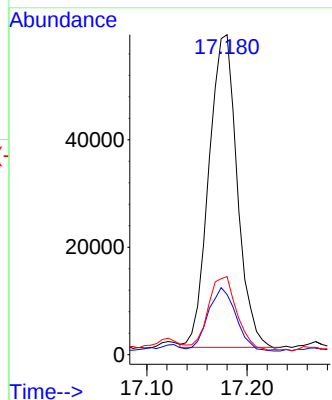
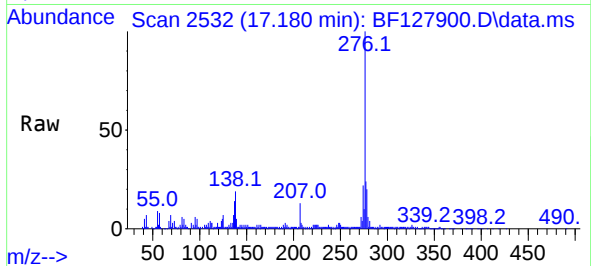
ClientSampleId :

PAT-02-041922DL

Tgt Ion:276 Resp: 11416
Ion Ratio Lower Upper
276 100
138 20.9 19.0 28.4
277 24.6 20.1 30.1

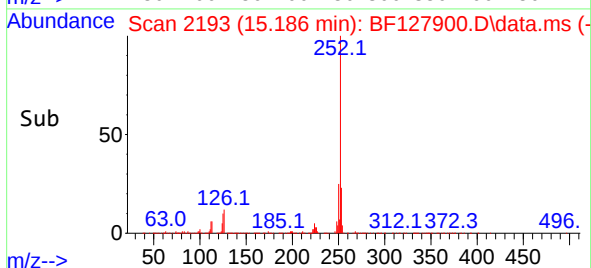
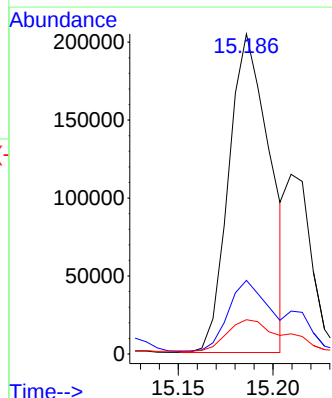
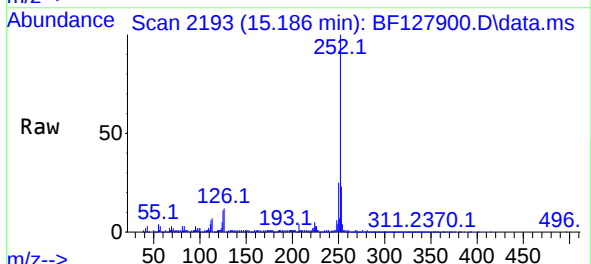
Manual Integrations
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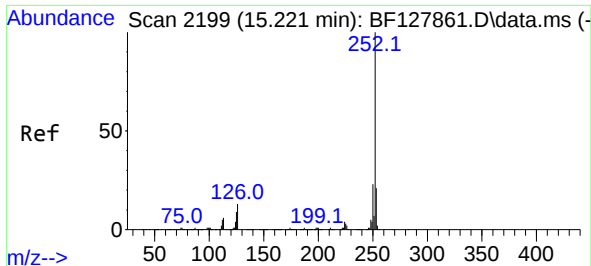
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#88
Benzo(b)fluoranthene
Concen: 13.970 ng m
RT: 15.186 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF127900.D
Acq: 26 Apr 2022 00:36

Tgt Ion:252 Resp: 308443
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 4.716 ng m

RT: 15.210 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Instrument :

BNA_F

ClientSampleId :

PAT-02-041922DL

Tgt Ion:252 Resp: 10489

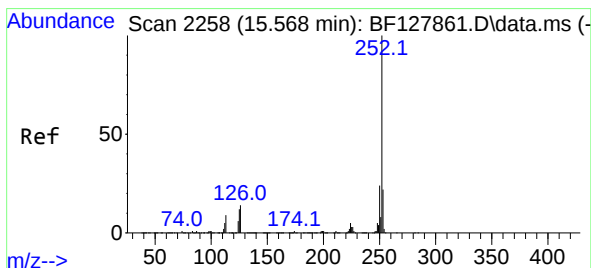
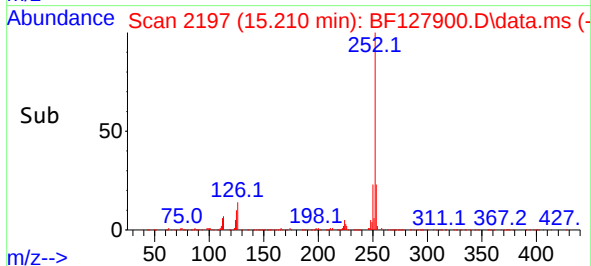
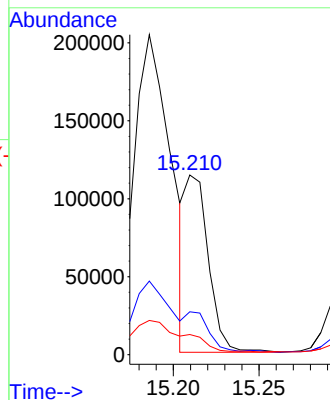
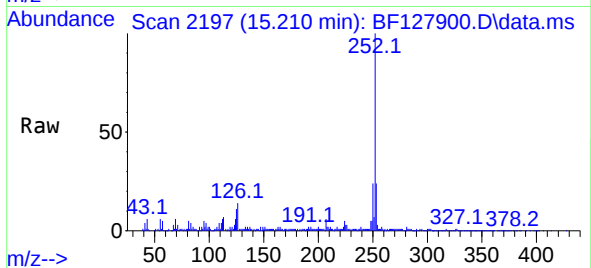
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	11.2	6.8	10.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/28/2022



#90

Benzo(a)pyrene

Concen: 12.540 ng

RT: 15.568 min Scan# 2258

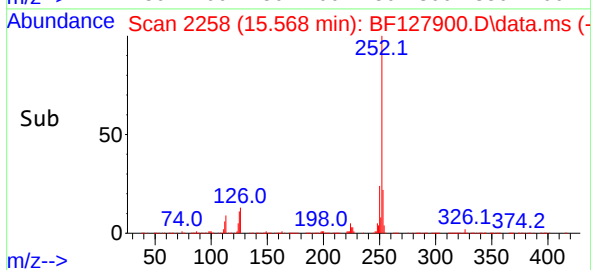
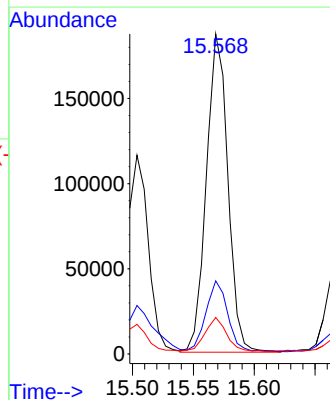
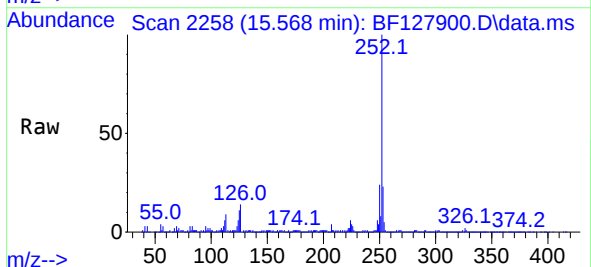
Delta R.T. -0.000 min

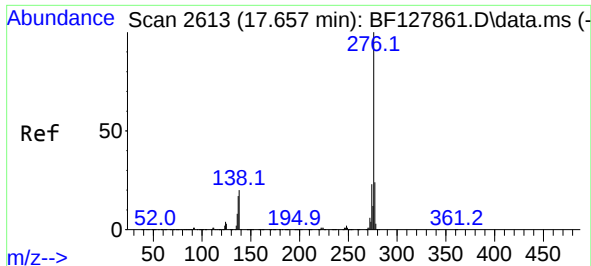
Lab File: BF127900.D

Acq: 26 Apr 2022 00:36

Tgt Ion:252 Resp: 229659

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.4	9.2	13.8





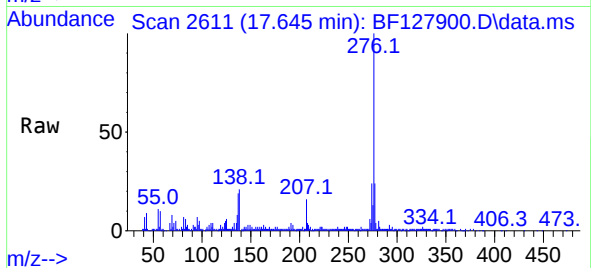
#92
 Benzo(g,h,i)perylene
 Concen: 5.143 ng
 RT: 17.645 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF127900.D
 Acq: 26 Apr 2022 00:36

Instrument :

BNA_F

ClientSampleId :

PAT-02-041922DL



Tgt Ion: 276 Resp: 101994
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.8 28.2
 138 21.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

