

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128327.D
 Acq On : 18 May 2022 22:53
 Operator : CG\JU
 Sample : N2900-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-051722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

Quant Time: May 19 06:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81861	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	286774	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134039	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	225946	20.000	ng	0.00
76) Chrysene-d12	14.057	240	176492	20.000	ng	0.00
86) Perylene-d12	15.545	264	120340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	549678	107.043	ng	0.00
7) Phenol-d6	6.504	99	702519	103.433	ng	0.00
23) Nitrobenzene-d5	7.434	82	494847	77.645	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	146368	95.213	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	689513	80.490	ng	0.00
79) Terphenyl-d14	12.998	244	712770	75.780	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.769	152	81308	7.433	ng	100
71) Phenanthrene	11.427	178	159332	14.162	ng	98
72) Anthracene	11.475	178	55699	4.959	ng	99
75) Fluoranthene	12.627	202	369487	30.292	ng	98
78) Pyrene	12.863	202	430278	33.623	ng	99
81) Benzo(a)anthracene	14.045	228	267906	23.765	ng	93
83) Chrysene	14.080	228	252572	23.481	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	115334	15.843	ng	94
88) Benzo(b)fluoranthene	15.110	252	279135m	37.418	ng	
89) Benzo(k)fluoranthene	15.133	252	75051m	10.192	ng	
90) Benzo(a)pyrene	15.486	252	176464	29.301	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	32932m	5.588	ng	
92) Benzo(g,h,i)perylene	17.521	276	107740	18.055	ng	95

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

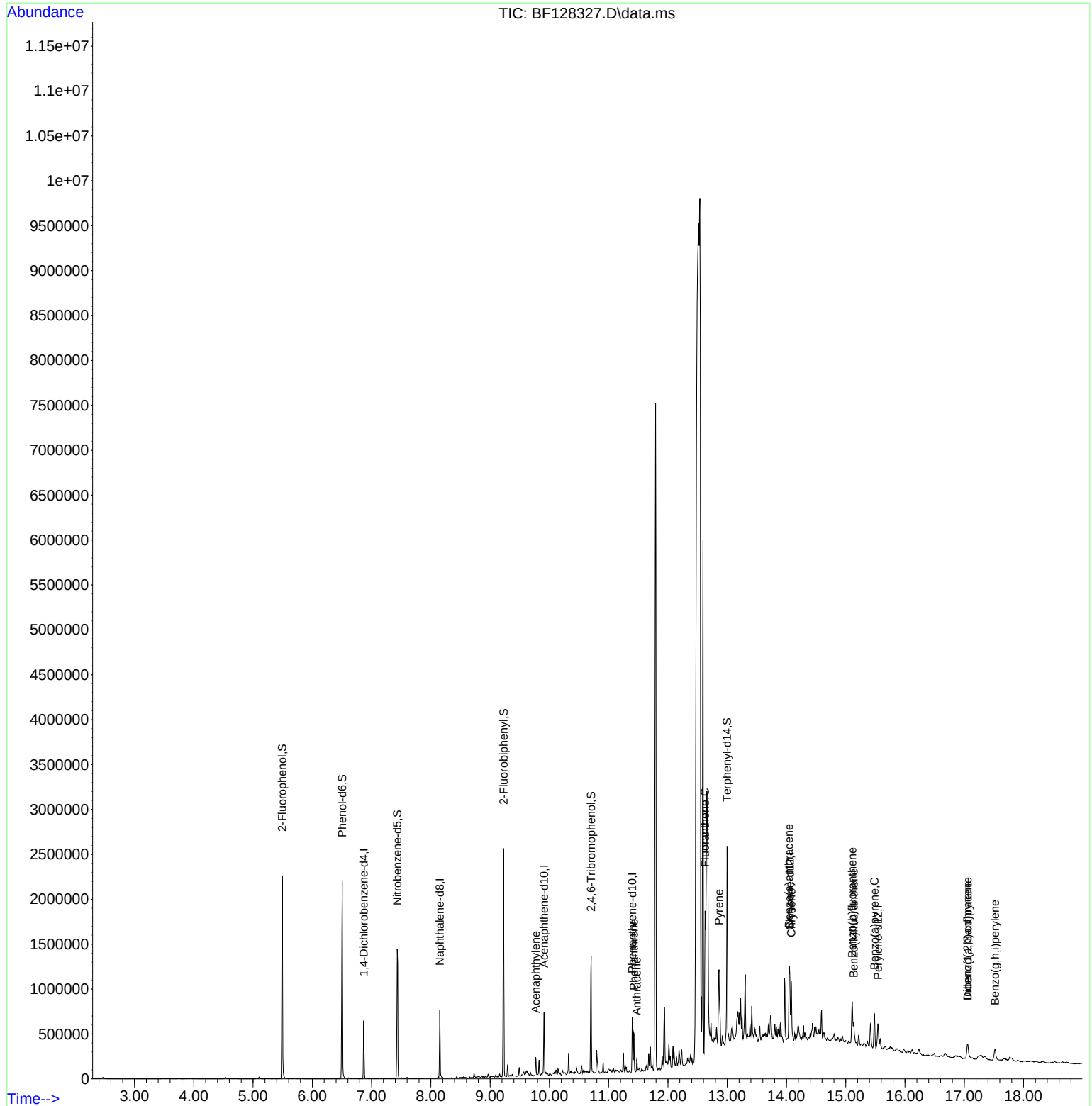
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128327.D
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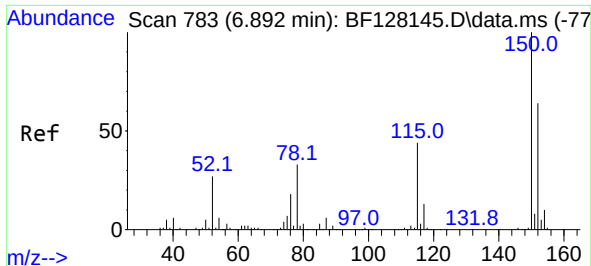
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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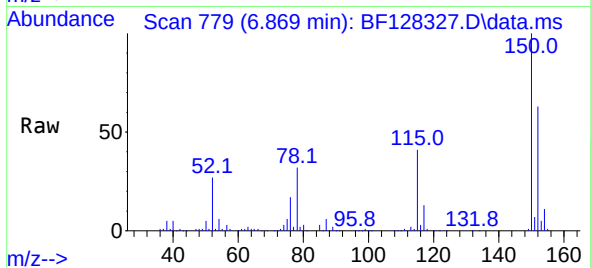
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

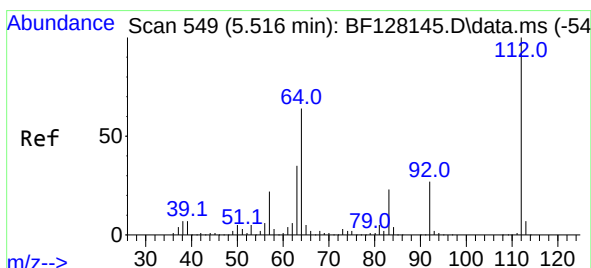
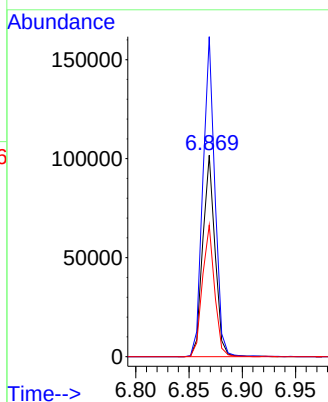
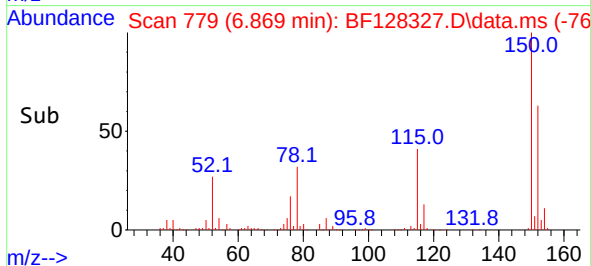
Instrument :
BNA_F
ClientSampleId :
SU-02-051722



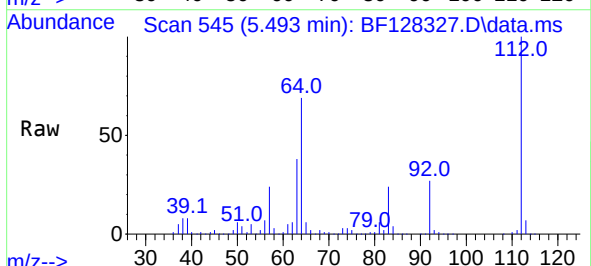
Tgt Ion:152 Resp: 8186
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 65.3 48.8 73.2

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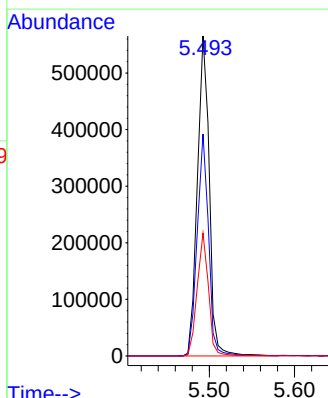
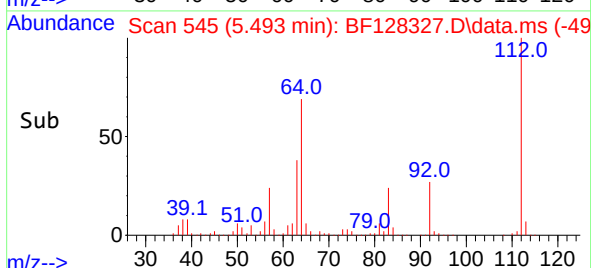
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

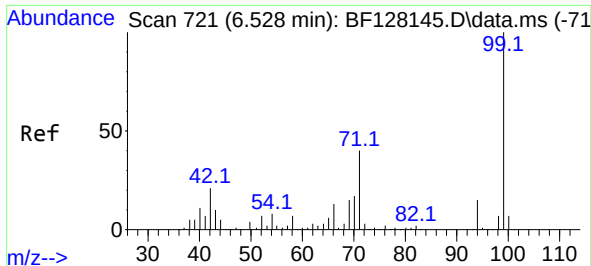


#5
2-Fluorophenol
Concen: 107.043 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53



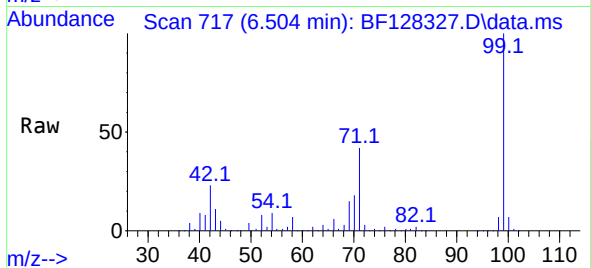
Tgt Ion:112 Resp: 549678
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 38.4 26.3 39.5





#7
Phenol-d6
Concen: 103.433 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

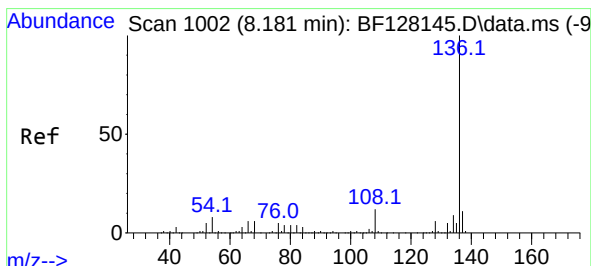
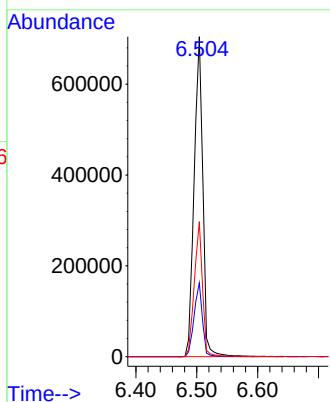
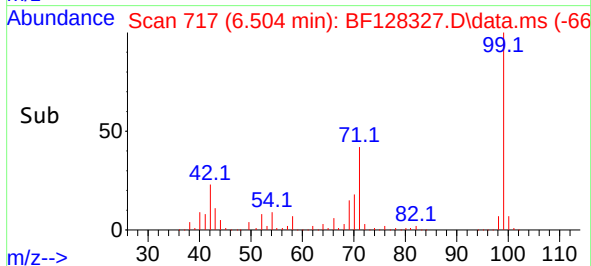
Instrument :
BNA_F
ClientSampleId :
SU-02-051722



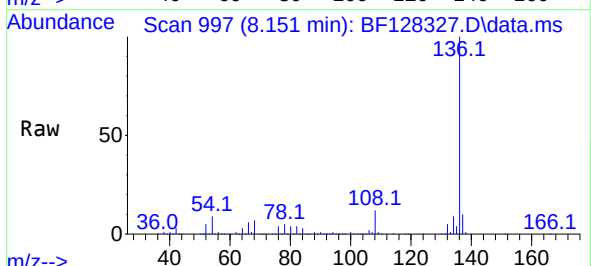
Tgt Ion: 99 Resp: 702519
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 42.2 30.0 45.0

Manual Integrations
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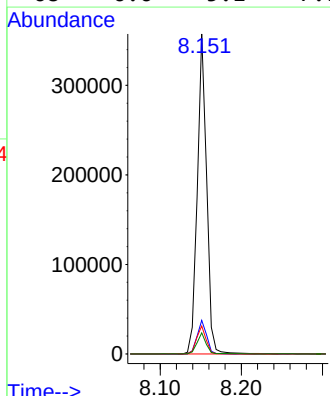
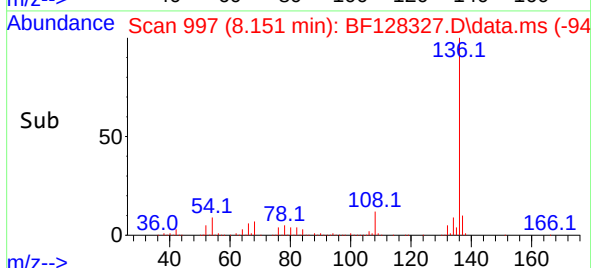
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

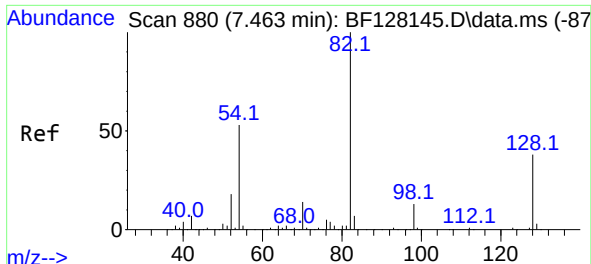


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53



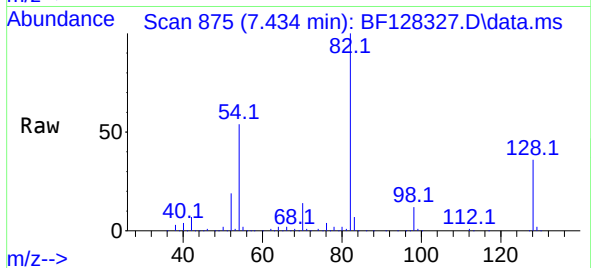
Tgt Ion:136 Resp: 286774
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 6.8 10.2
68 6.6 5.1 7.7





#23
Nitrobenzene-d5
Concen: 77.645 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

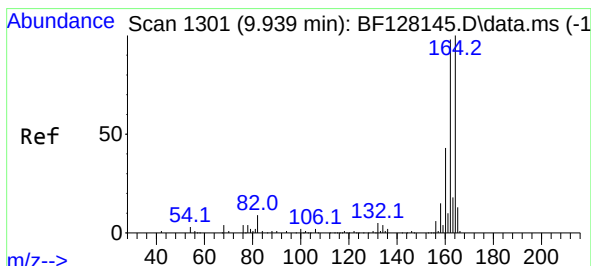
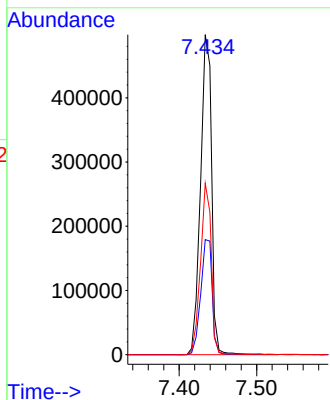
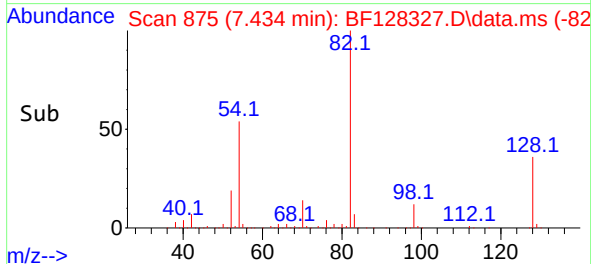
Instrument :
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ClientSampleId :
SU-02-051722



Tgt Ion: 82 Resp: 49484
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 53.5 41.3 61.9

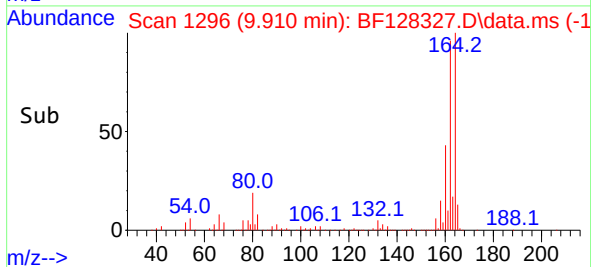
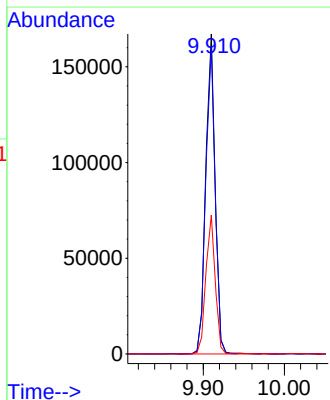
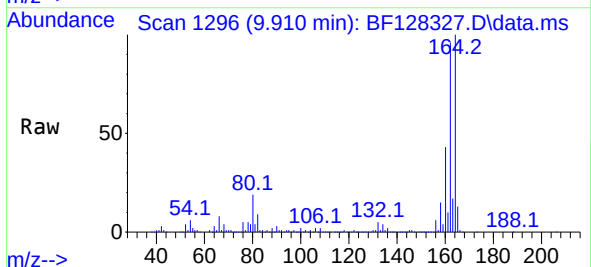
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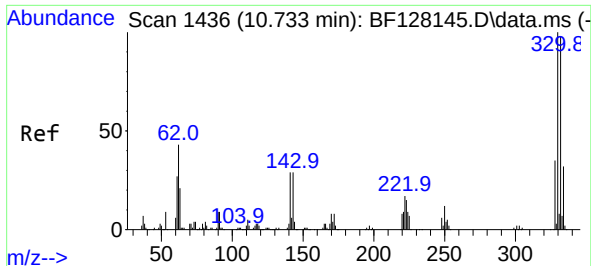
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:164 Resp: 134039
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.4 34.8 52.2





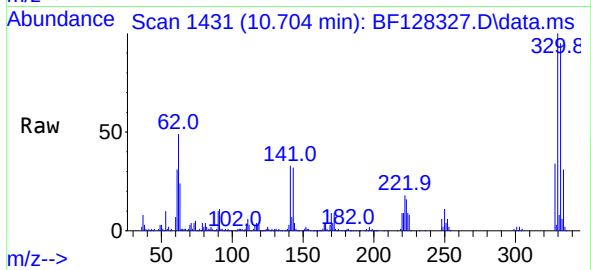
#42
2,4,6-Tribromophenol
Concen: 95.213 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

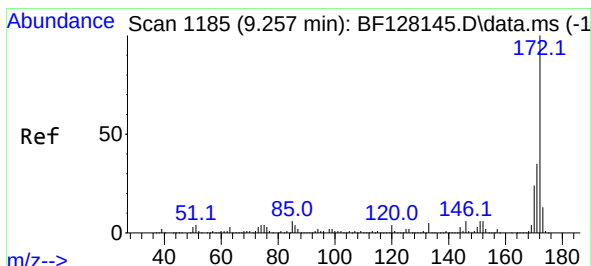
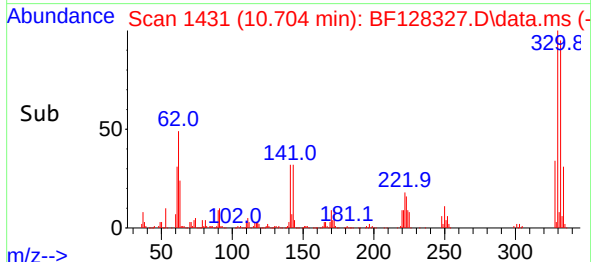
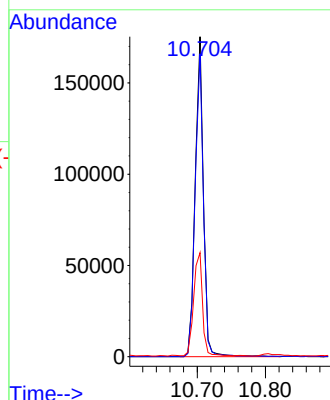


Tgt Ion: 330 Resp: 146368
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 34.3 28.9 43.3

Manual Integrations

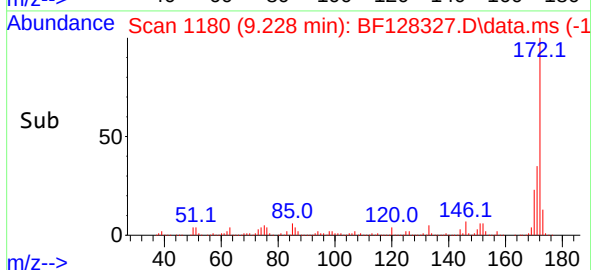
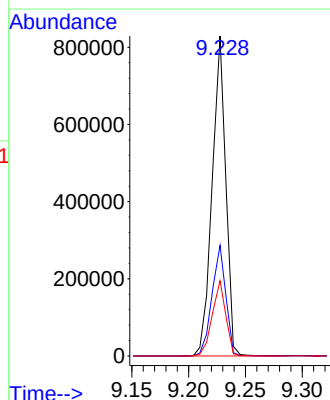
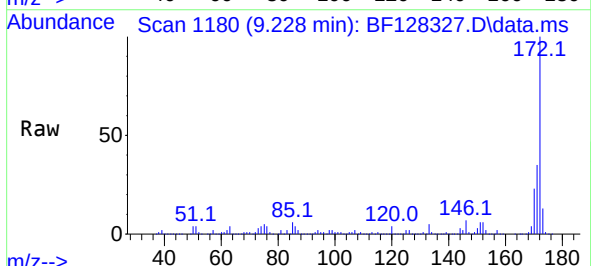
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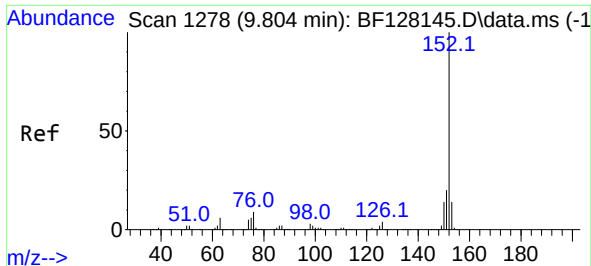
Reviewed By : Christian Giraldo 05/19/2022
Supervised By : Jagrut Upadhyay 05/19/2022



#45
2-Fluorobiphenyl
Concen: 80.490 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion: 172 Resp: 689513
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.5 19.1 28.7





#49

Acenaphthylene

Concen: 7.433 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

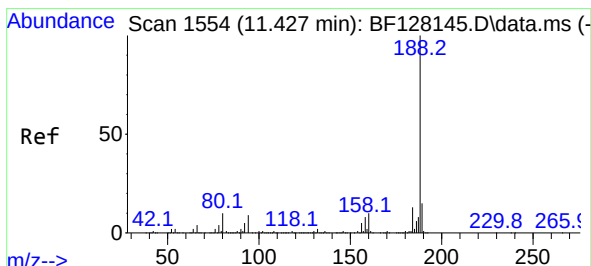
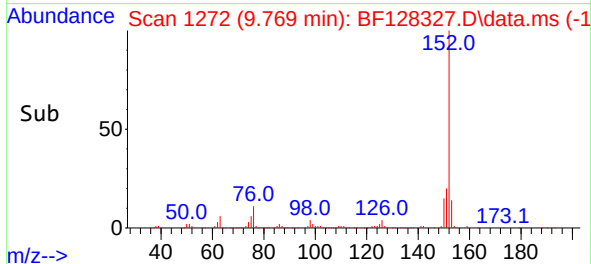
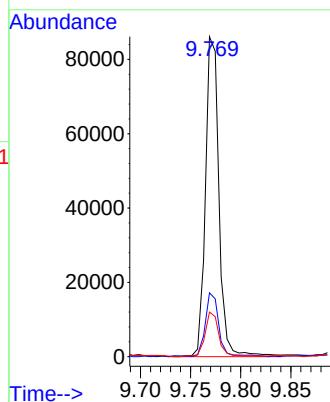
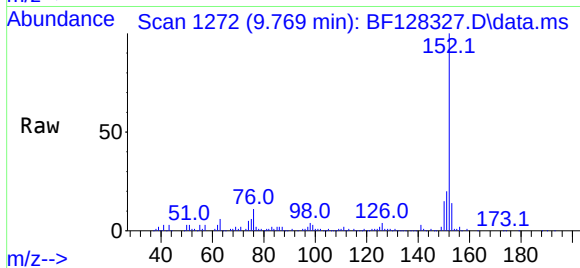
SU-02-051722

Tgt Ion:	152	Resp:	81308
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	14.0	11.2	16.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

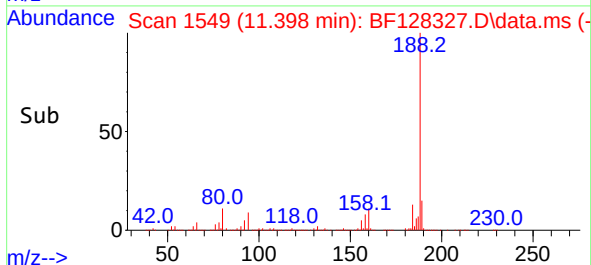
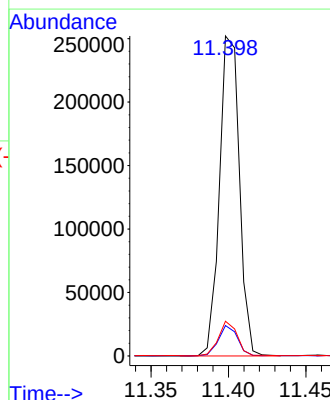
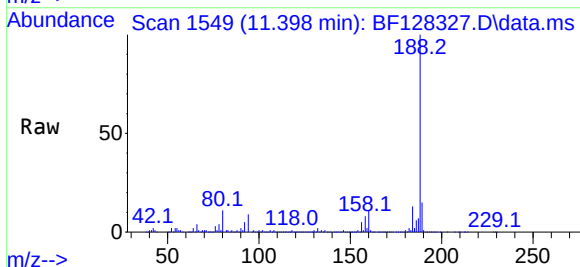
RT: 11.398 min Scan# 1549

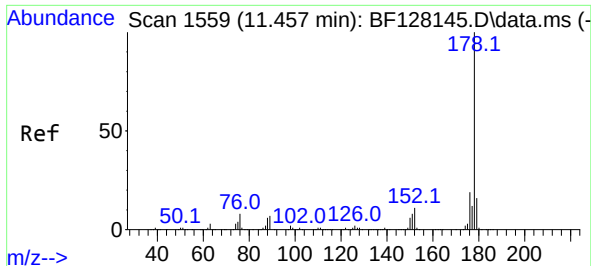
Delta R.T. -0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

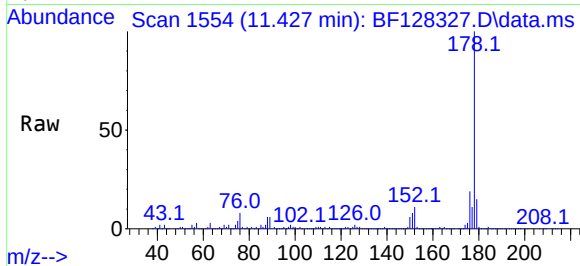
Tgt Ion:	188	Resp:	225946
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.0	12.0
80	10.8	8.9	13.3





#71
Phenanthrene
Concen: 14.162 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

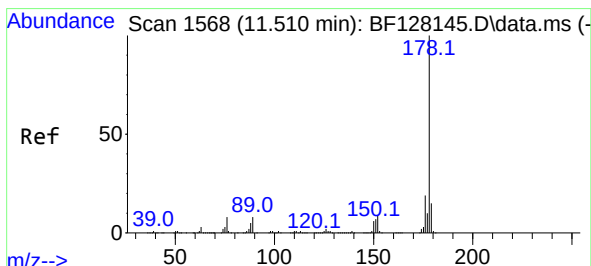
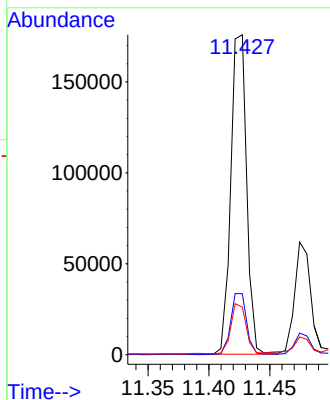
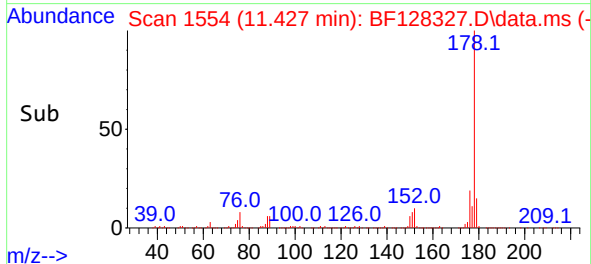
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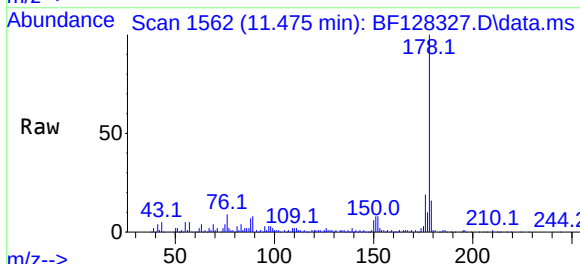
Tgt Ion:178 Resp: 15933
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.9 12.6 19.0

Manual Integrations
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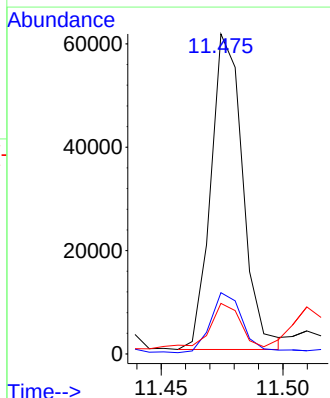
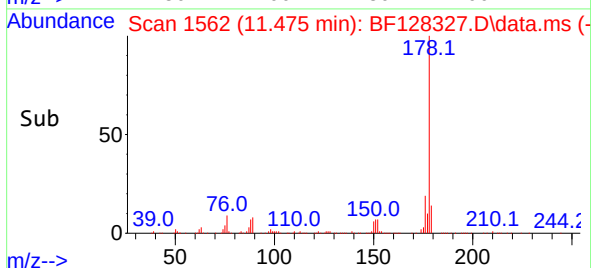
Reviewed By :Christian Giraldo 05/19/2022
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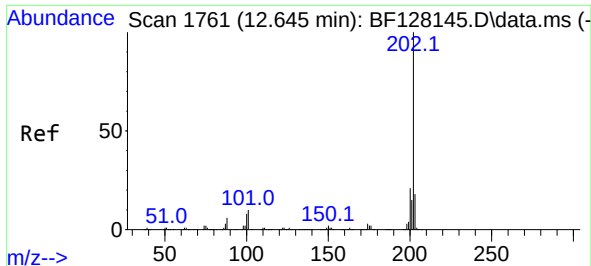


#72
Anthracene
Concen: 4.959 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.012 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53



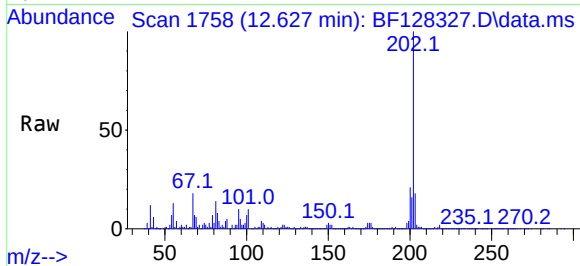
Tgt Ion:178 Resp: 55699
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.8 12.4 18.6





#75
Fluoranthene
Concen: 30.292 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

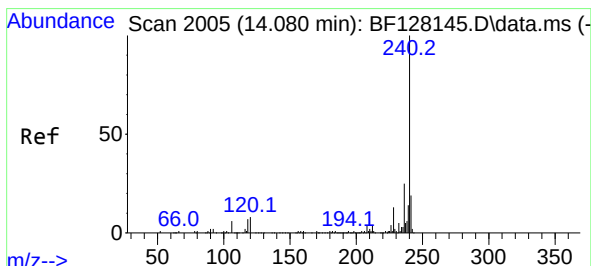
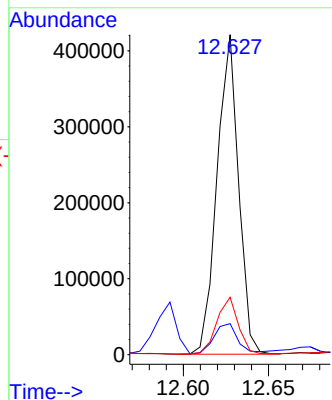
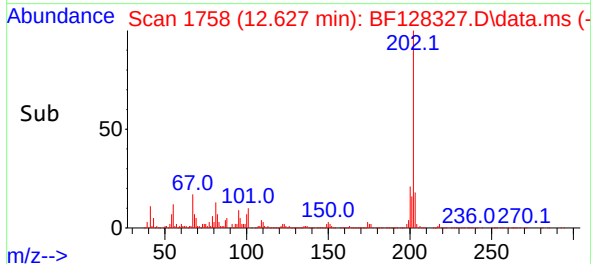
Instrument :
BNA_F
ClientSampleId :
SU-02-051722



Tgt Ion:202 Resp: 36948
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.6
203 18.0 0.0 38.1

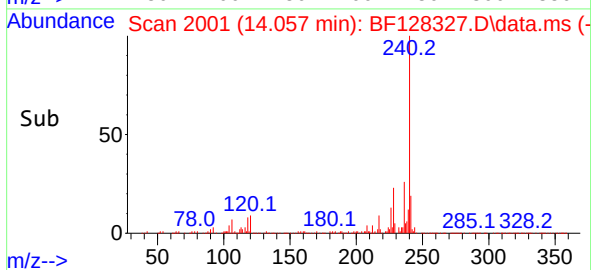
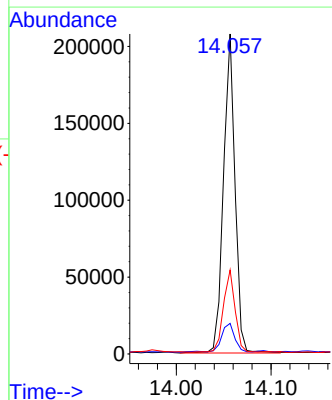
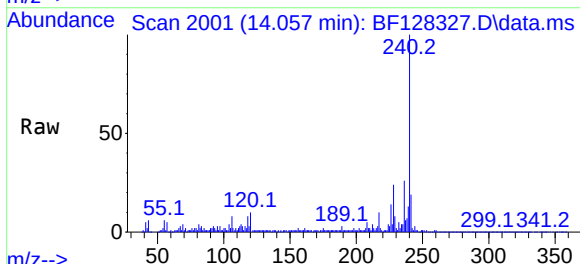
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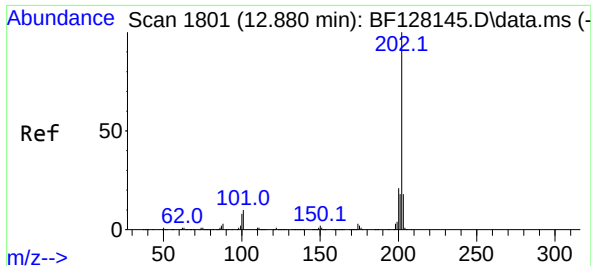
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

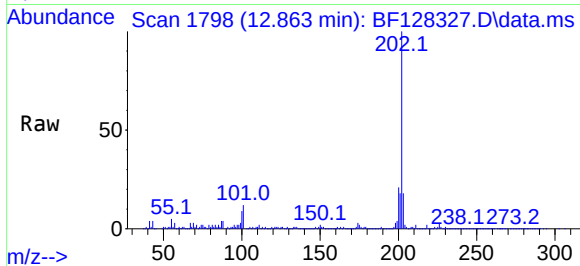
Tgt Ion:240 Resp: 176492
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.3 20.3 30.5





#78
Pyrene
Concen: 33.623 ng
RT: 12.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

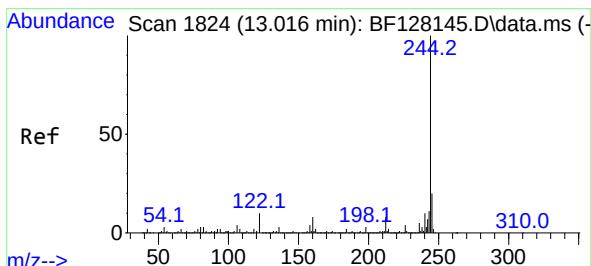
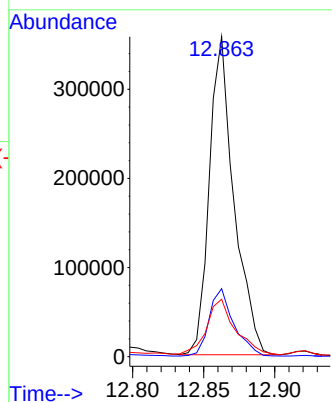
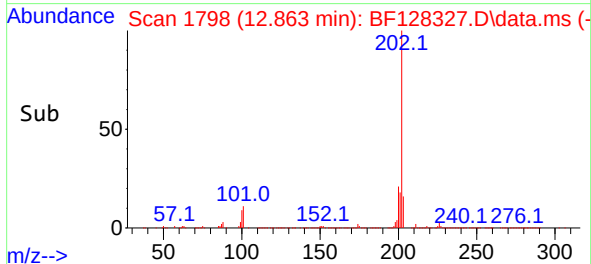
Instrument :
BNA_F
ClientSampleId :
SU-02-051722



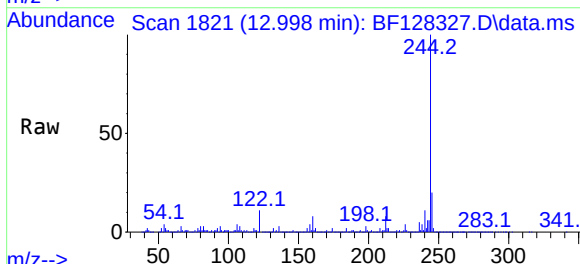
Tgt Ion:202 Resp: 430278
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.0 14.0 21.0

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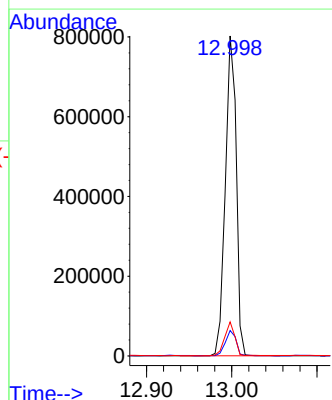
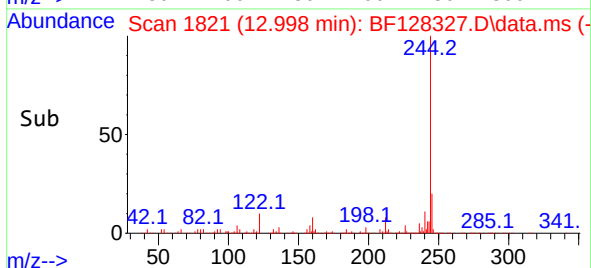
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

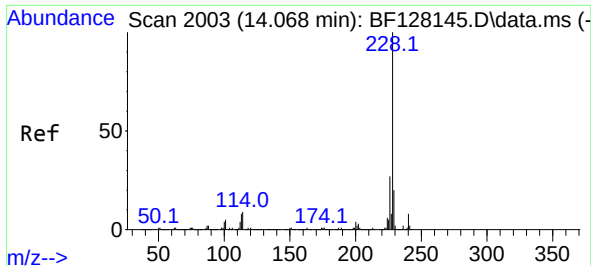


#79
Terphenyl-d14
Concen: 75.780 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53



Tgt Ion:244 Resp: 712770
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.7 8.6 12.8





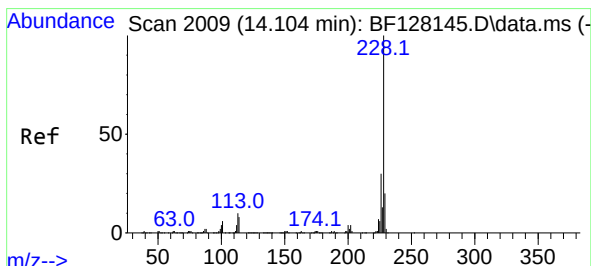
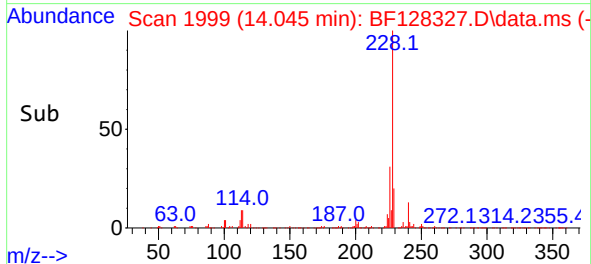
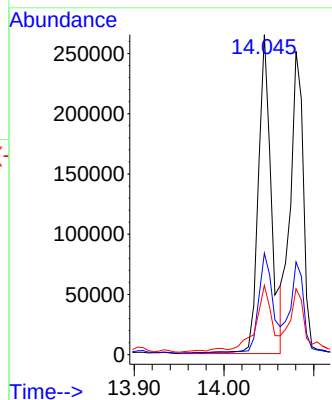
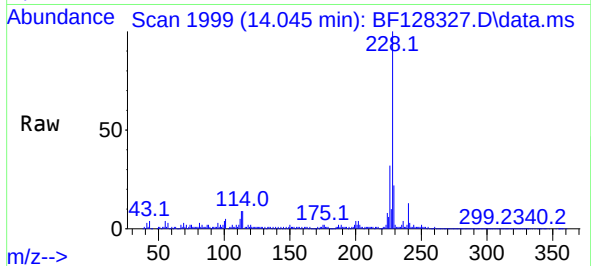
#81
Benzo(a)anthracene
Concen: 23.765 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

Tgt Ion:228 Resp: 267900
Ion Ratio Lower Upper
228 100
226 31.7 21.7 32.5
229 21.6 15.4 23.2

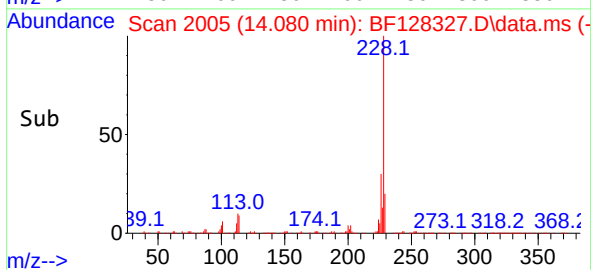
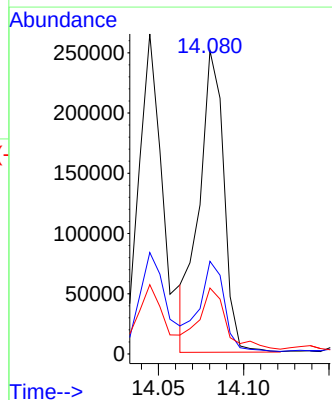
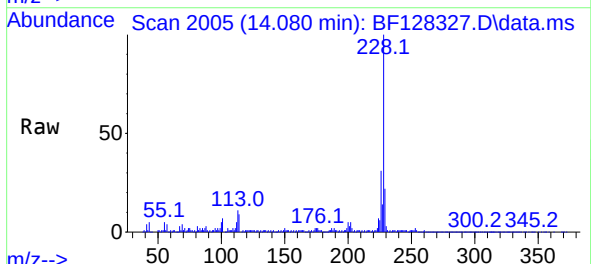
Manual Integrations
APPROVED

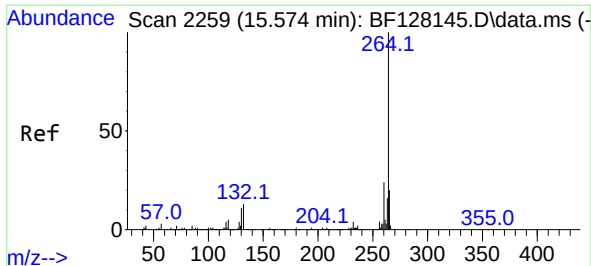
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#83
Chrysene
Concen: 23.481 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:228 Resp: 252572
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 21.7 15.8 23.8





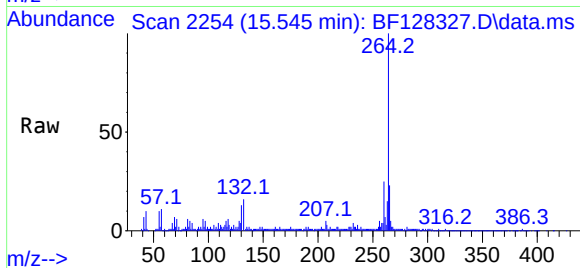
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

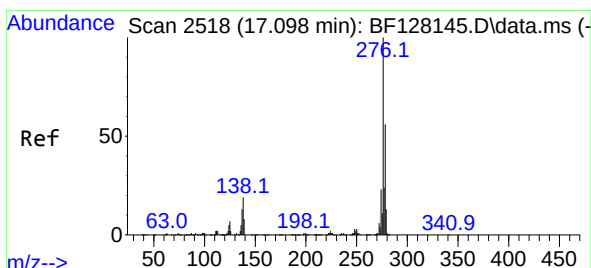
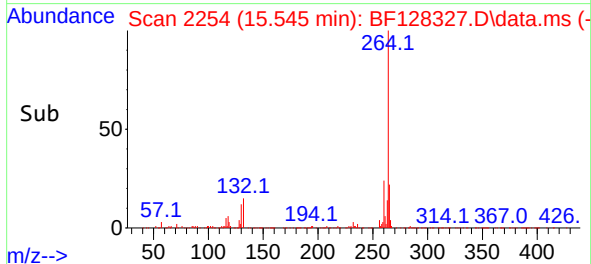
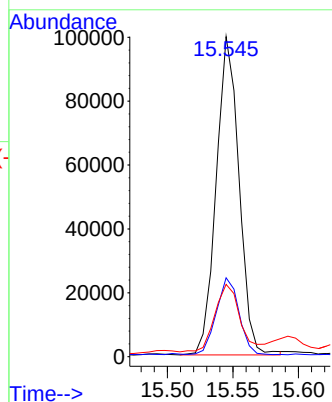


Tgt Ion:264 Resp: 120340
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.6 17.5 26.3

Manual Integrations

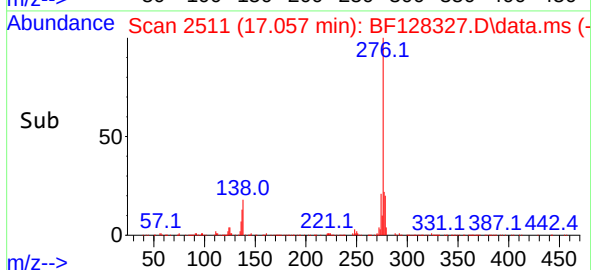
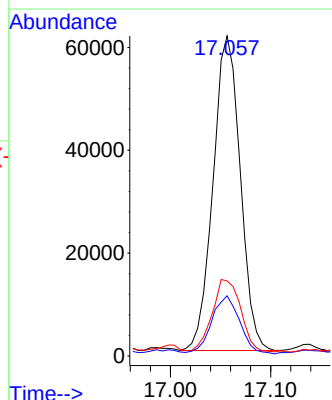
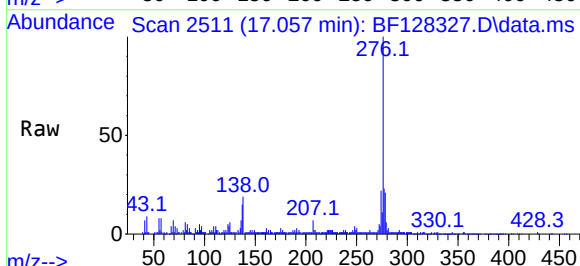
APPROVED

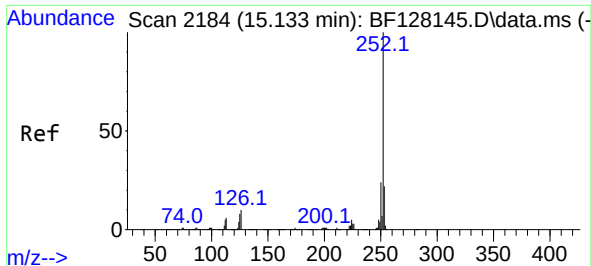
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 15.843 ng
RT: 17.057 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

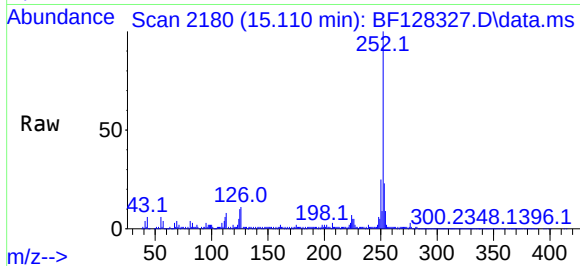
Tgt Ion:276 Resp: 115334
Ion Ratio Lower Upper
276 100
138 19.0 19.0 28.4
277 24.0 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 37.418 ng m
RT: 15.110 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

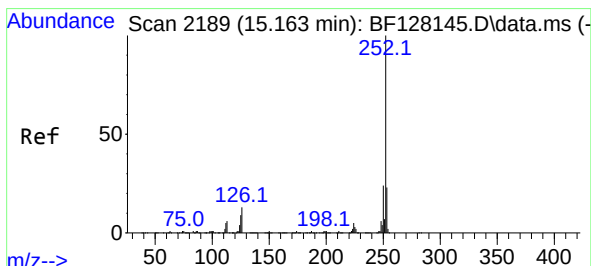
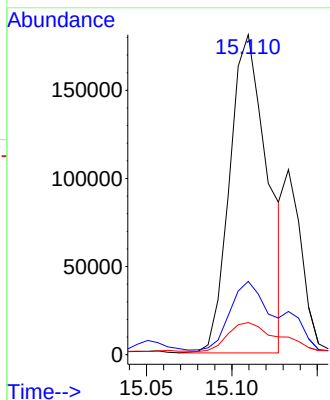
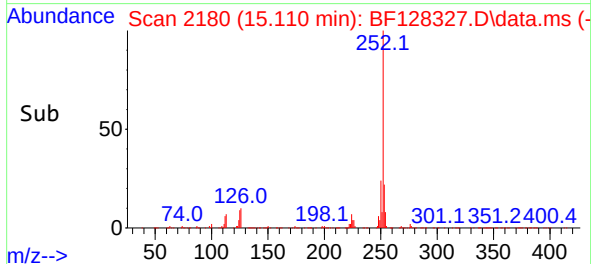
Instrument :
BNA_F
ClientSampleId :
SU-02-051722



Tgt Ion:252 Resp: 279135
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.0 7.4 11.2

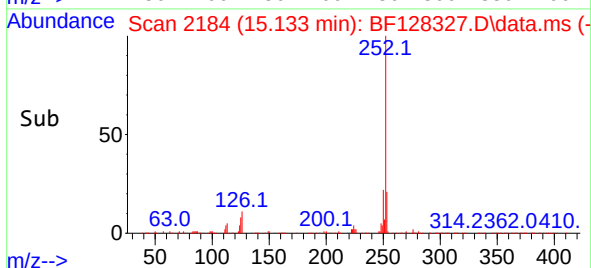
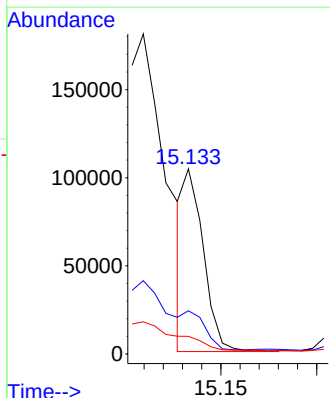
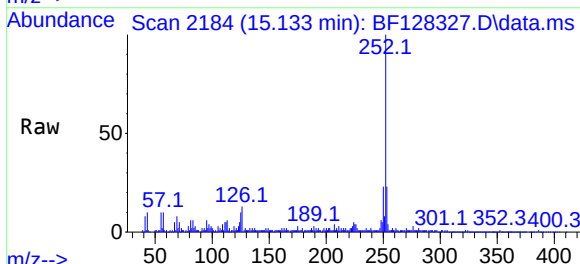
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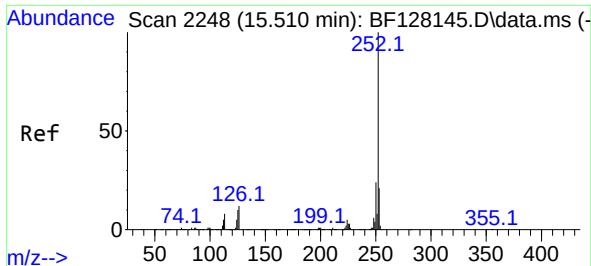
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#89
Benzo(k)fluoranthene
Concen: 10.192 ng m
RT: 15.133 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:252 Resp: 75051
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 9.5 6.8 10.2





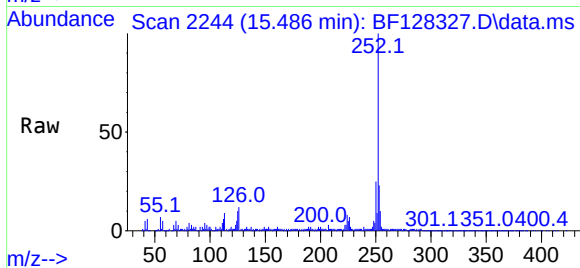
#90
Benzo(a)pyrene
Concen: 29.301 ng
RT: 15.486 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

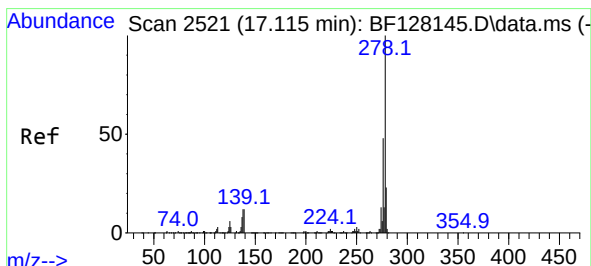
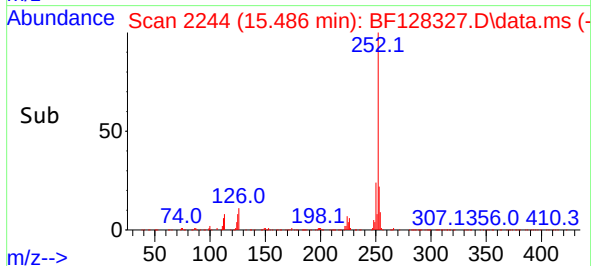
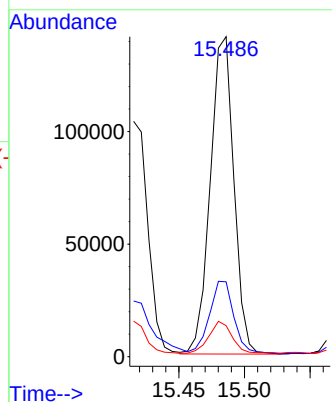


Tgt Ion:252 Resp: 176464
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 9.7 9.2 13.8

Manual Integrations

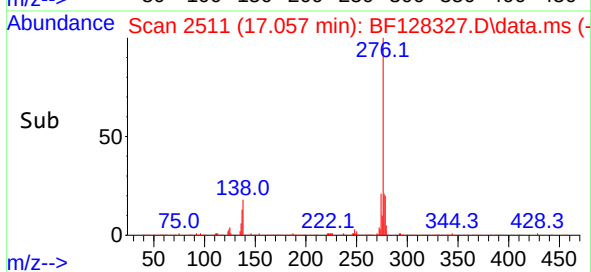
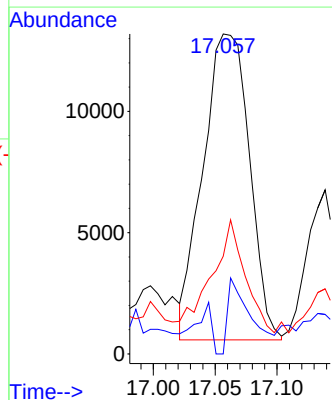
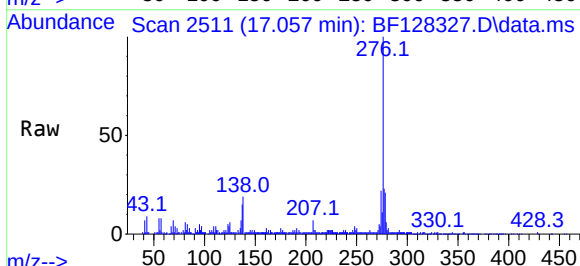
APPROVED

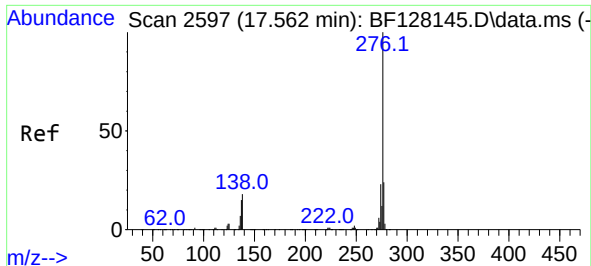
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#91
Dibenzo(a,h)anthracene
Concen: 5.588 ng m
RT: 17.057 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:278 Resp: 32932
Ion Ratio Lower Upper
278 100
139 0.0 12.6 19.0#
279 30.5 18.9 28.3#





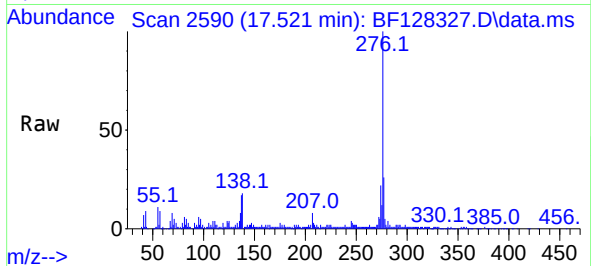
#92
 Benzo(g,h,i)perylene
 Concen: 18.055 ng
 RT: 17.521 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128327.D
 Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722



Tgt Ion: 276 Resp: 107740
 Ion Ratio Lower Upper
 276 100
 277 25.7 18.8 28.2
 138 18.0 16.2 24.2

Manual Integrations

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Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

