

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129253.D
 Acq On : 15 Jul 2022 23:07
 Operator : CG\JU
 Sample : N3720-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIDGEFIELD-M&R-SP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:43:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	278896	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1095646	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	521534	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	716349	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	440065	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	371529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2029603	116.222	ng	0.01
7) Phenol-d6	6.528	99	2624645	116.206	ng	0.00
23) Nitrobenzene-d5	7.463	82	1632096	79.627	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	490126	101.251	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2547544	82.757	ng	0.00
79) Terphenyl-d14	13.016	244	1842391	78.319	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.798	152	105421	2.411	ng	99
71) Phenanthrene	11.451	178	547526	15.054	ng	98
72) Anthracene	11.498	178	158724	4.393	ng	98
75) Fluoranthene	12.645	202	1060881	29.288	ng	99
78) Pyrene	12.874	202	1059603	29.728	ng	99
81) Benzo(a)anthracene	14.057	228	524033	18.879	ng	96
83) Chrysene	14.092	228	489150	18.462	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	243794	10.523	ng	96
88) Benzo(b)fluoranthene	15.121	252	626639m	27.455	ng	
89) Benzo(k)fluoranthene	15.145	252	217024m	9.732	ng	
90) Benzo(a)pyrene	15.498	252	405188	21.807	ng	96
91) Dibenzo(a,h)anthracene	17.074	278	59418	3.171	ng	# 83
92) Benzo(g,h,i)perylene	17.527	276	240256	12.542	ng	96

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

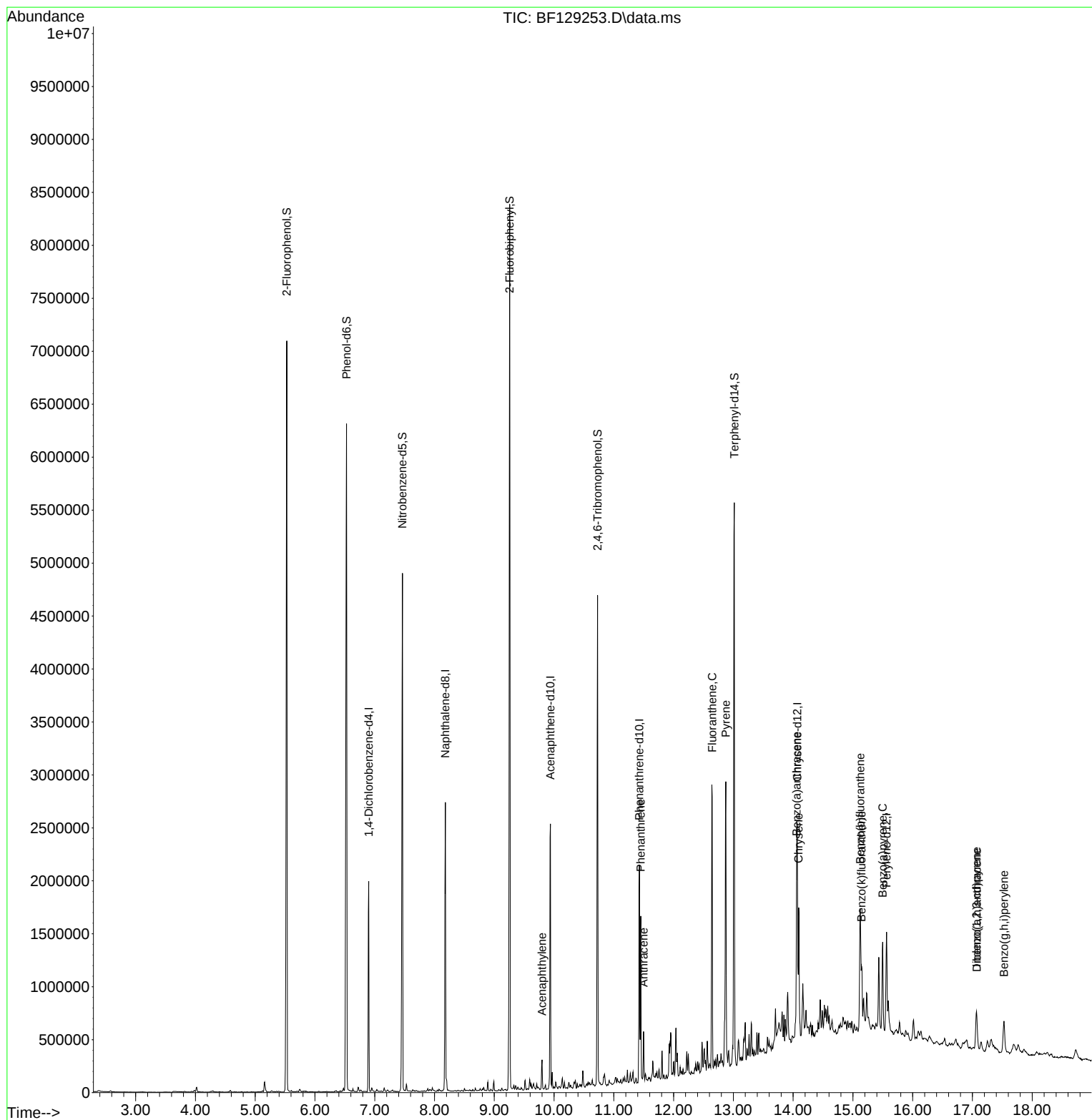
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129253.D
Acq On : 15 Jul 2022 23:07
Operator : CG\JU
Sample : N3720-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

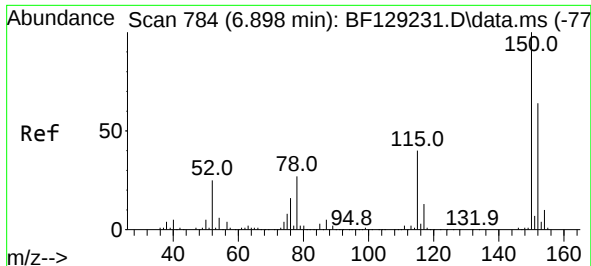
Instrument :
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Quant Time: Jul 16 01:43:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
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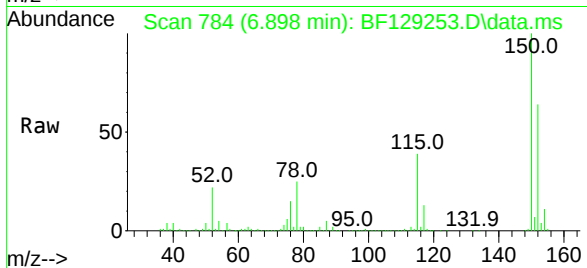
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

Instrument :

BNA_F

ClientSampleId :

RIDGEFIELD-M&R-SP

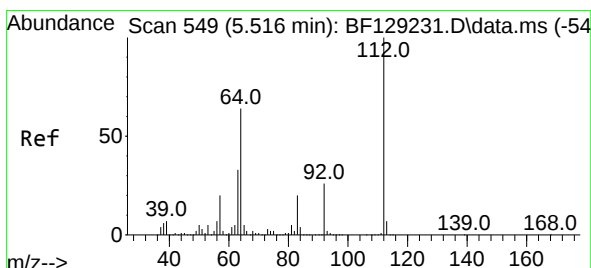
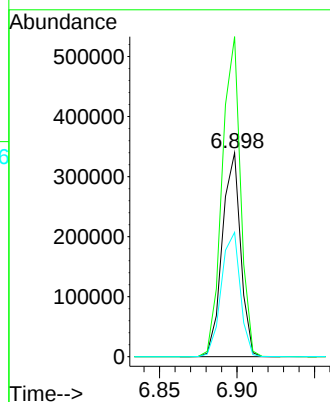
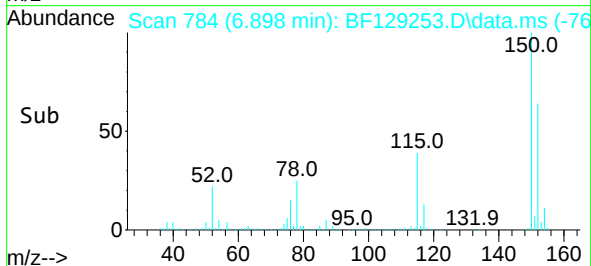


Tgt Ion:152 Resp: 278890
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 61.0 49.9 74.9

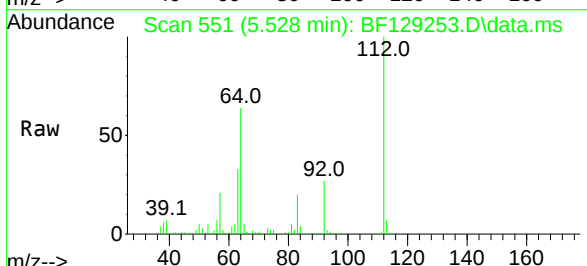
Manual Integrations

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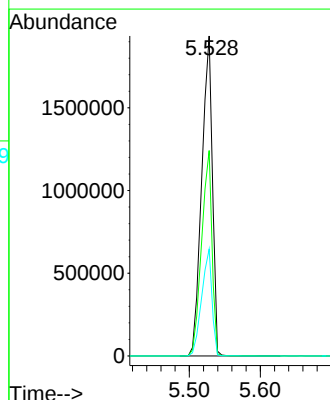
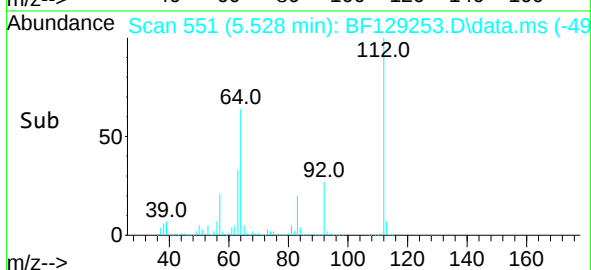
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#5
2-Fluorophenol
Concen: 116.222 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07



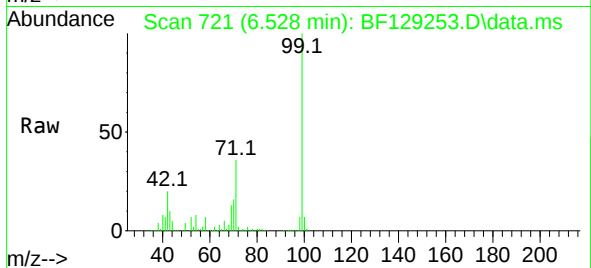
Tgt Ion:112 Resp: 2029603
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 33.4 28.0 42.0





#7
Phenol-d6
Concen: 116.206 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

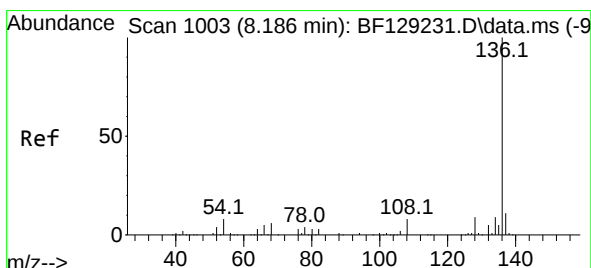
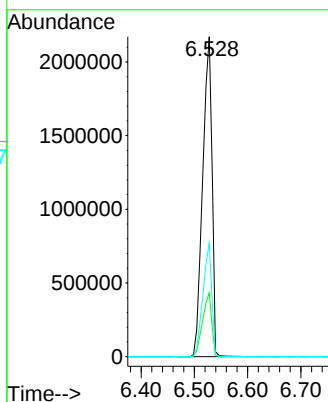
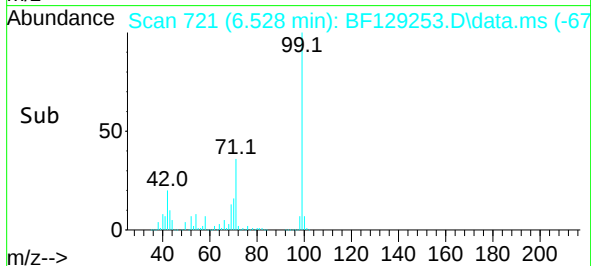
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



Tgt Ion: 99 Resp: 262464
Ion Ratio Lower Upper
99 100
42 20.0 17.3 25.9
71 35.5 28.9 43.3

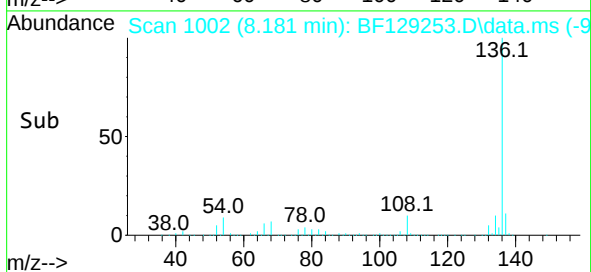
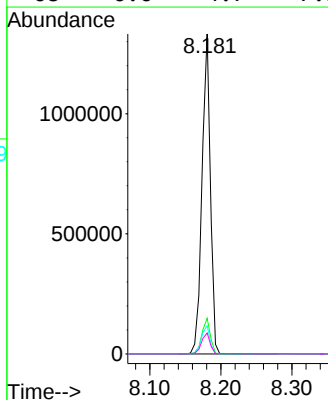
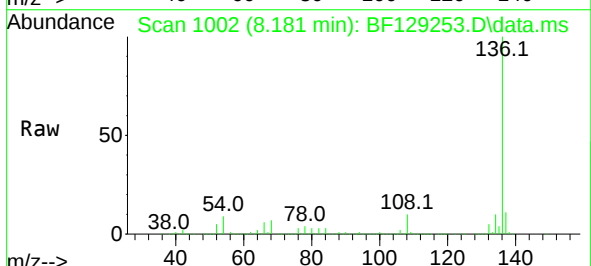
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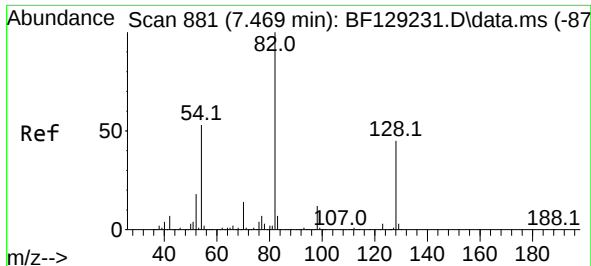
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

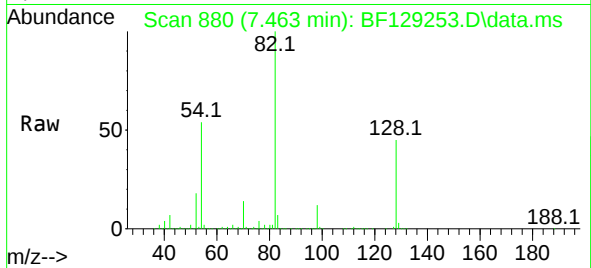
Tgt Ion:136 Resp: 1095646
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.8 7.5 11.3
68 6.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 79.627 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

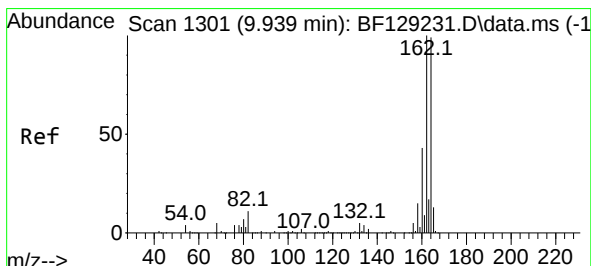
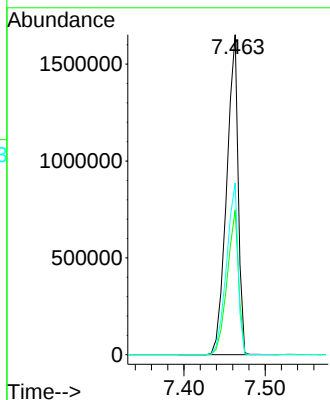
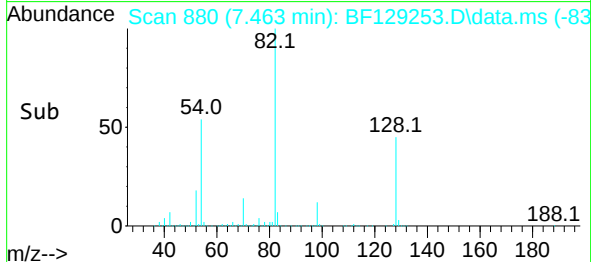
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 1632090
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 53.6 46.9 70.3

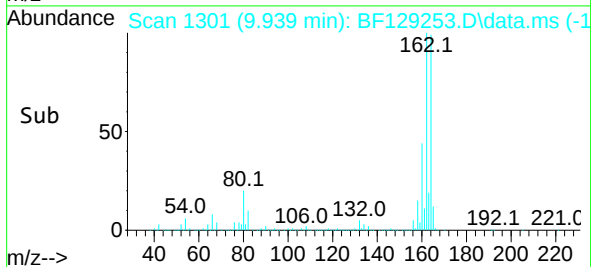
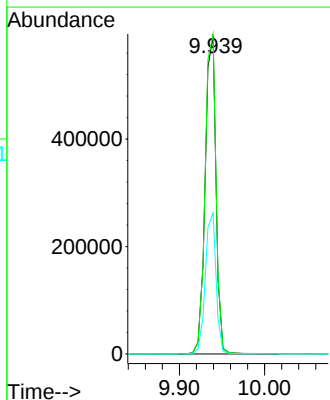
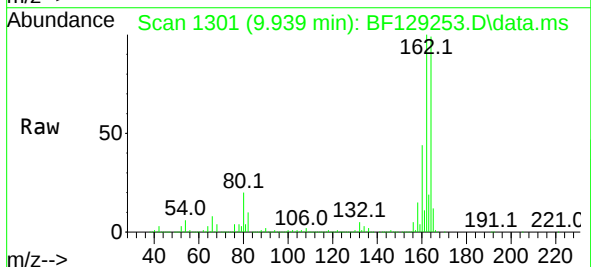
Manual Integrations
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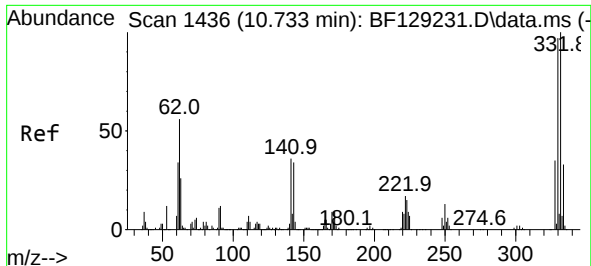
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

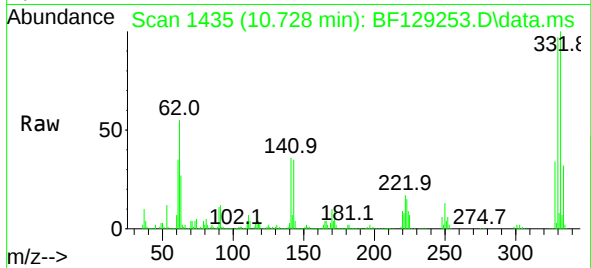
Tgt Ion:164 Resp: 521534
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 101.251 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

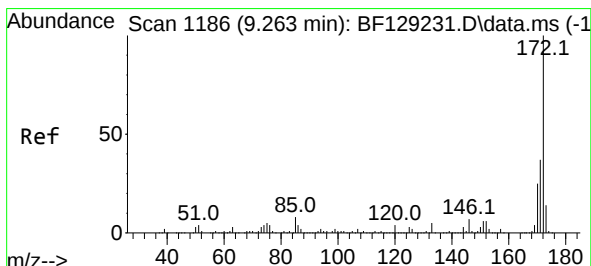
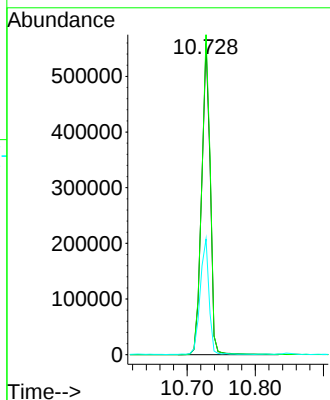
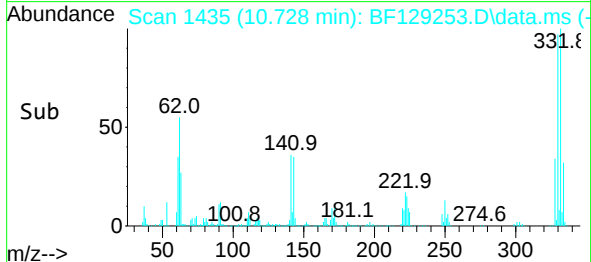
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



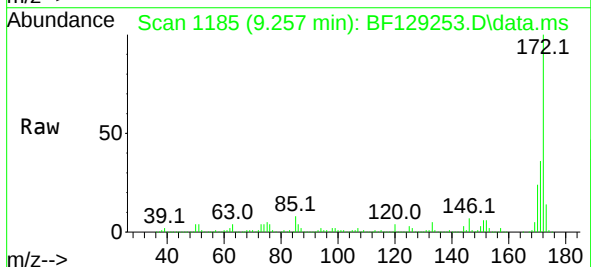
Tgt Ion: 330 Resp: 490120
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 38.2 28.0 42.0

Manual Integrations
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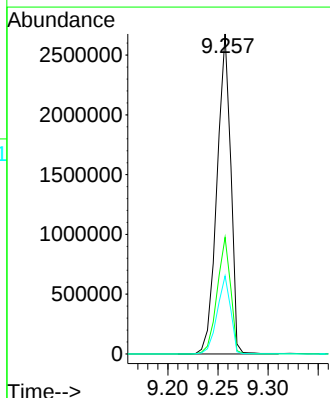
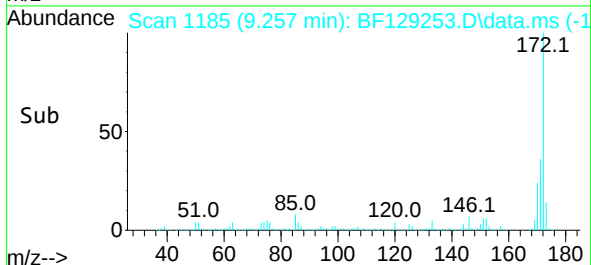
Reviewed By : Christian Giraldo 07/18/2022
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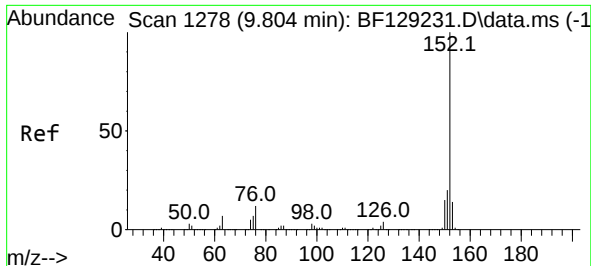


#45
2-Fluorobiphenyl
Concen: 82.757 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07



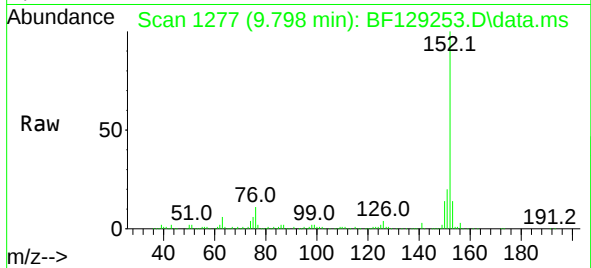
Tgt Ion: 172 Resp: 2547544
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.4 19.8 29.8





#49
Acenaphthylene
Concen: 2.411 ng
RT: 9.798 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

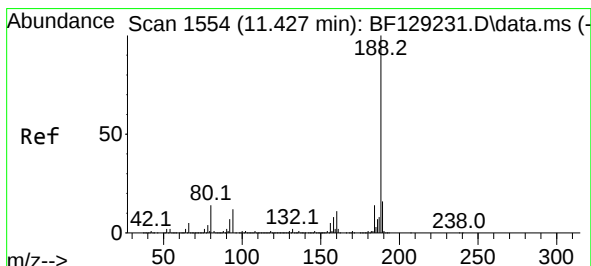
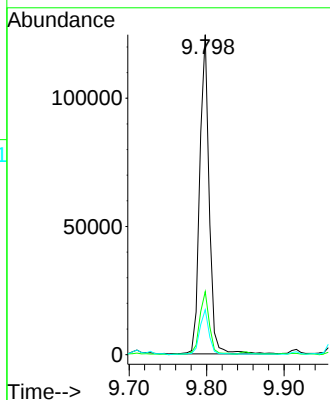
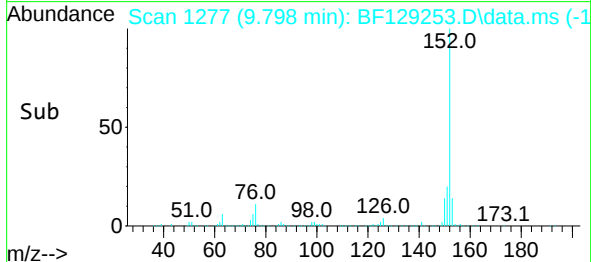
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



Tgt Ion:152 Resp: 105421
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 14.1 10.7 16.1

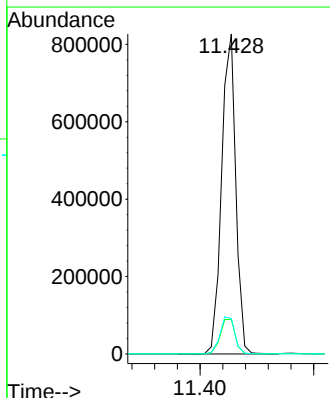
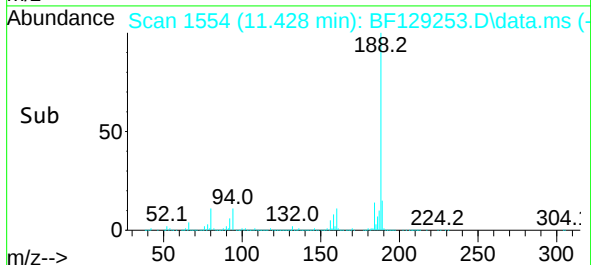
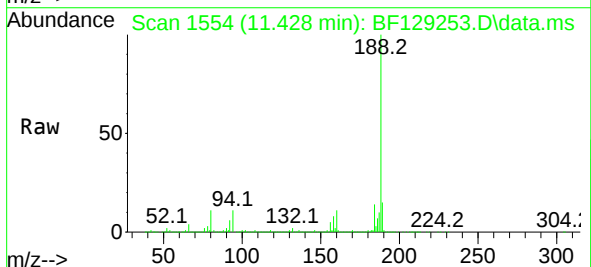
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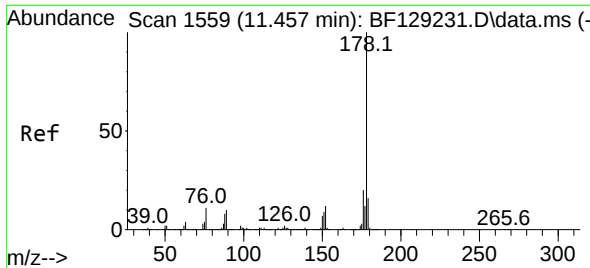
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

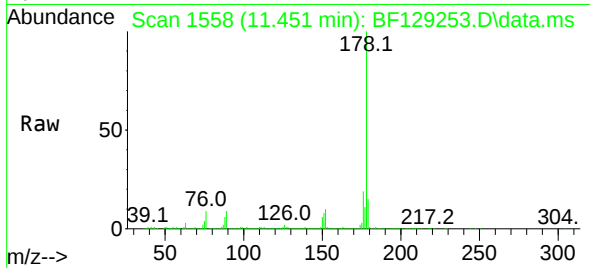
Tgt Ion:188 Resp: 716349
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.1 7.6 11.4





#71
Phenanthrene
Concen: 15.054 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

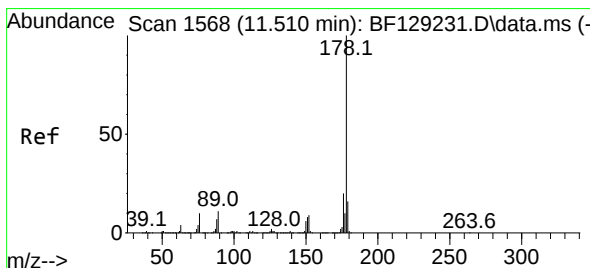
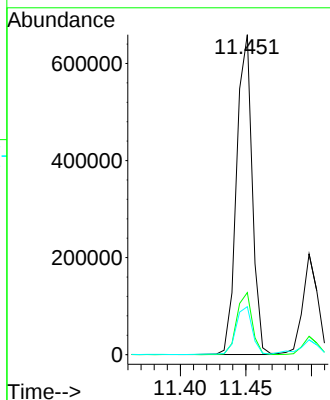
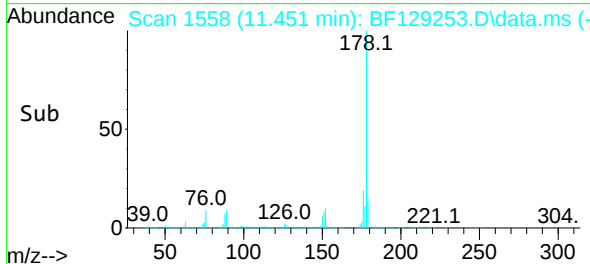
Instrument :
BNA_F
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RIDGEFIELD-M&R-SP



Tgt Ion:178 Resp: 547520
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.0 12.6 19.0

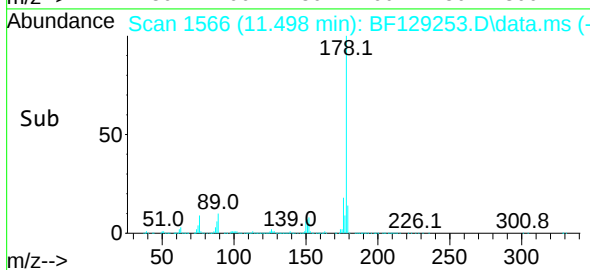
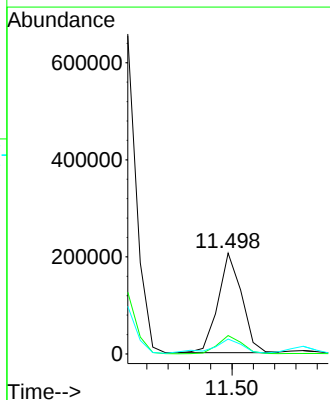
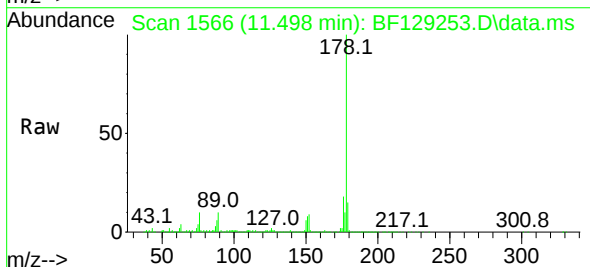
Manual Integrations
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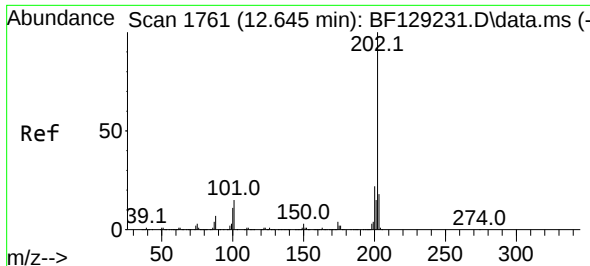
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#72
Anthracene
Concen: 4.393 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

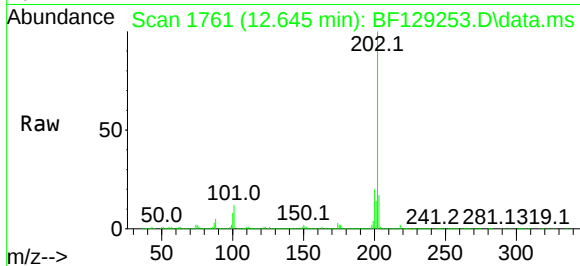
Tgt Ion:178 Resp: 158724
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.8 12.6 19.0





#75
Fluoranthene
Concen: 29.288 ng
RT: 12.645 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

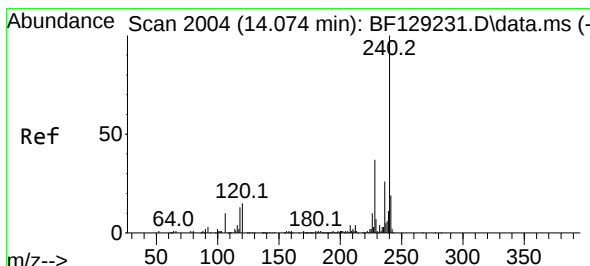
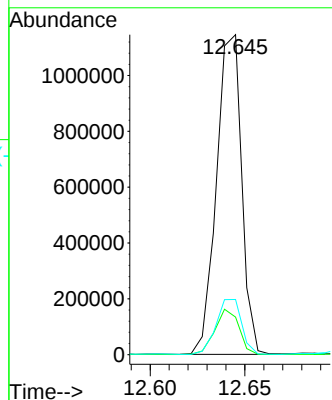
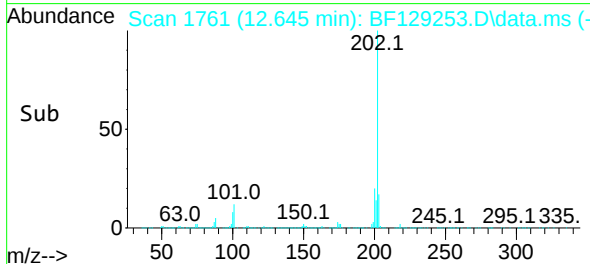
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



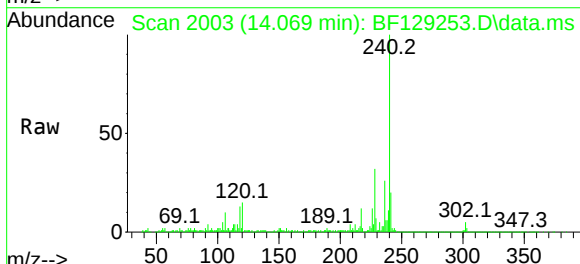
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Ion Ratio Lower Upper
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101 11.8 0.0 31.4
203 17.2 0.0 38.0

Manual Integrations
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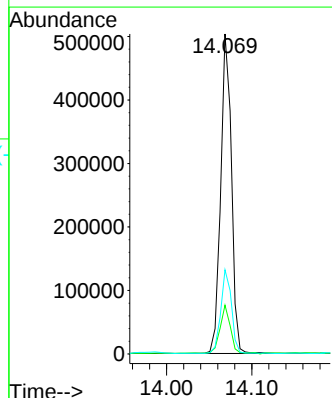
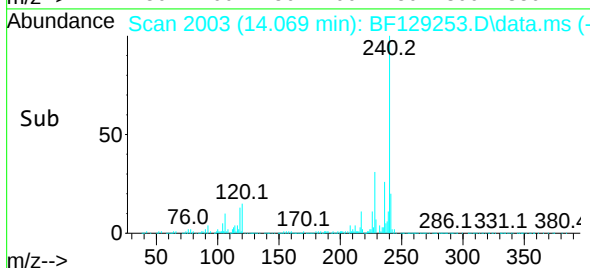
Reviewed By :Christian Giraldo 07/18/2022
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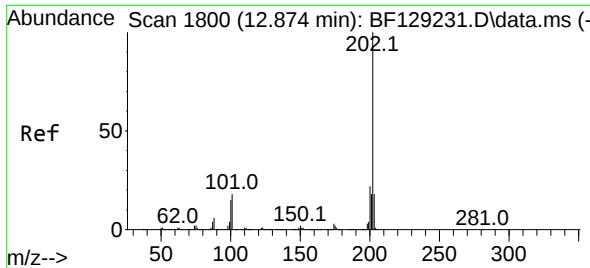


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07



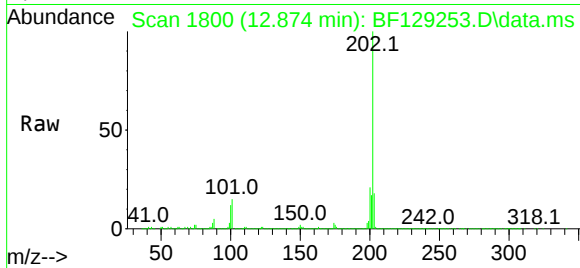
Tgt Ion:240 Resp: 440065
Ion Ratio Lower Upper
240 100
120 15.2 8.9 13.3#
236 26.3 20.8 31.2





#78
Pyrene
Concen: 29.728 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

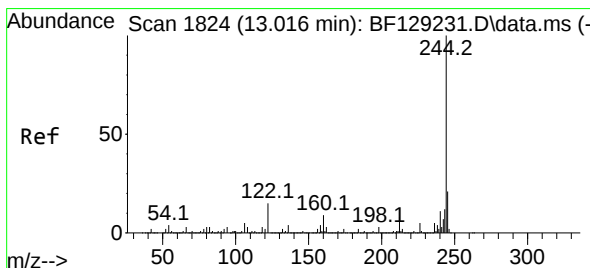
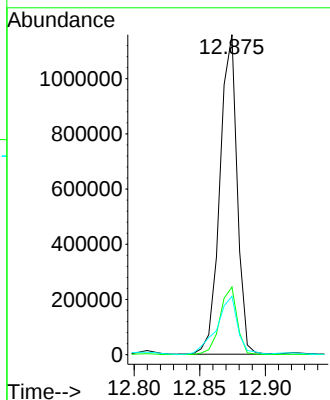
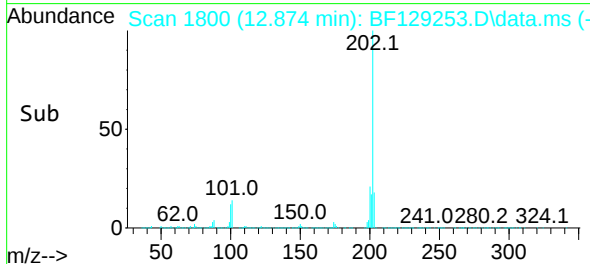
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



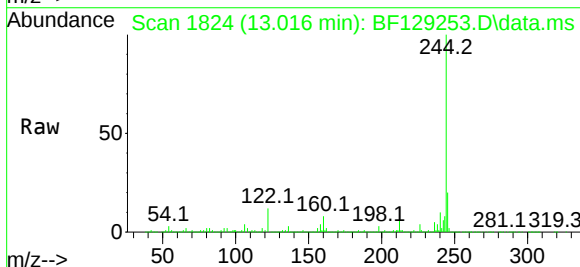
Tgt Ion:202 Resp: 105960
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 18.3 14.6 21.8

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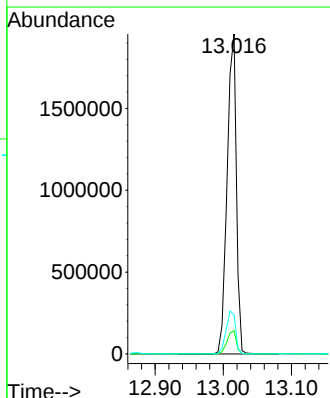
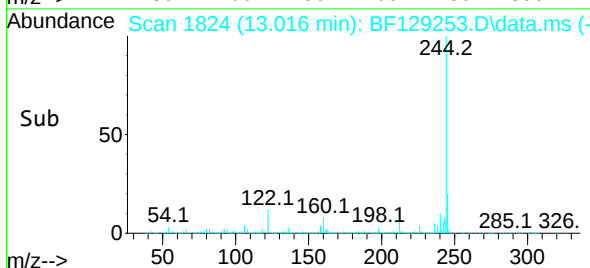
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

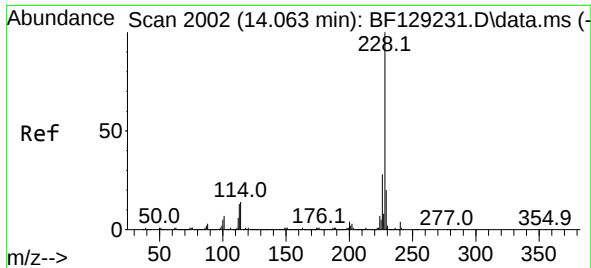


#79
Terphenyl-d14
Concen: 78.319 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07



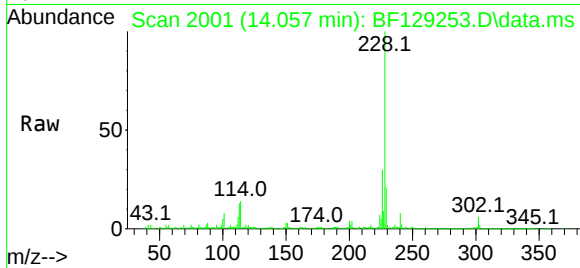
Tgt Ion:244 Resp: 1842391
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.2 8.8 13.2





#81
Benzo(a)anthracene
Concen: 18.879 ng
RT: 14.057 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

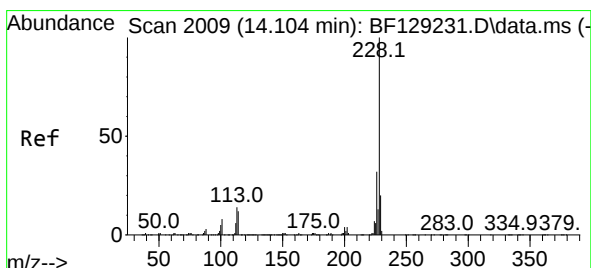
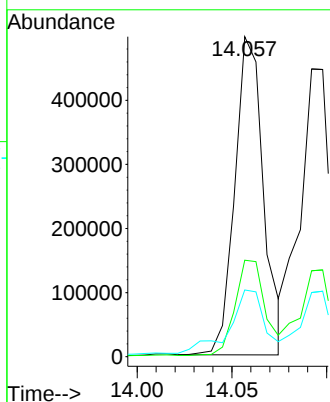
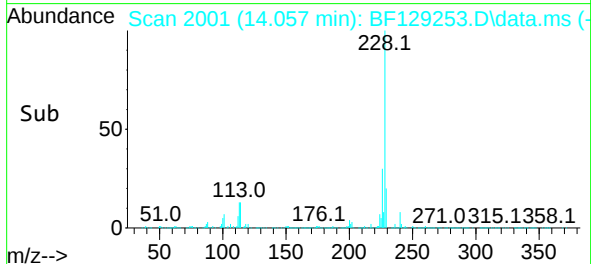
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



Tgt Ion:228 Resp: 52403
Ion Ratio Lower Upper
228 100
226 30.1 22.1 33.1
229 20.9 15.8 23.8

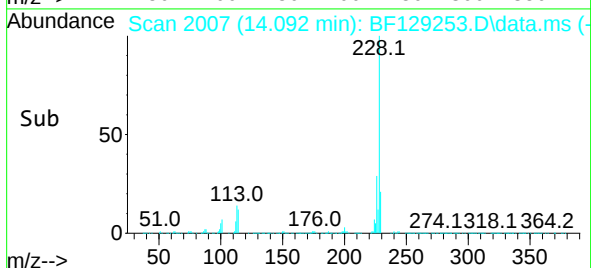
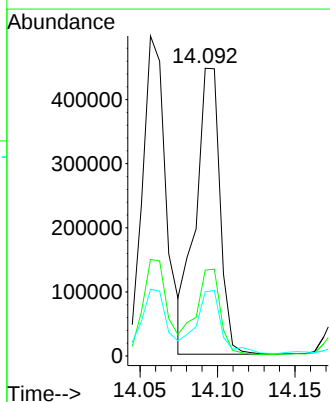
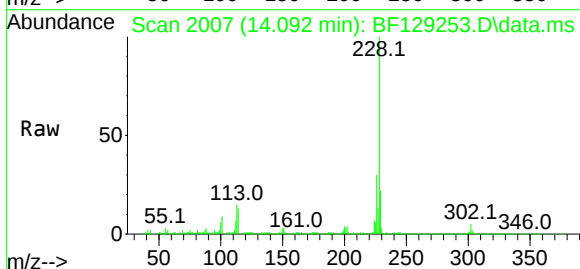
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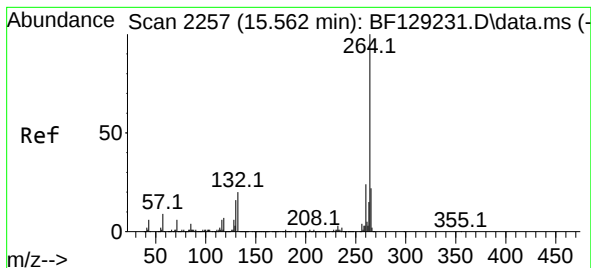
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#83
Chrysene
Concen: 18.462 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

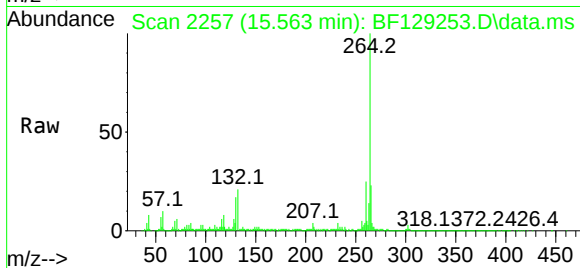
Tgt Ion:228 Resp: 489150
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 22.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

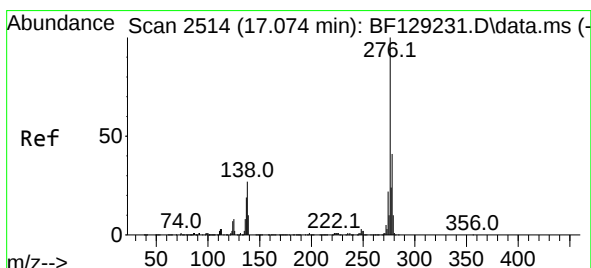
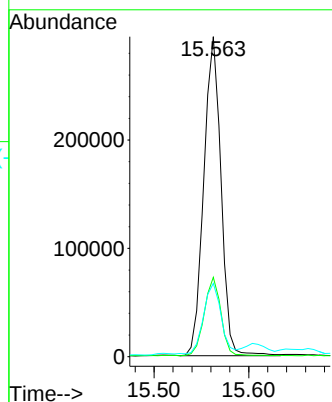
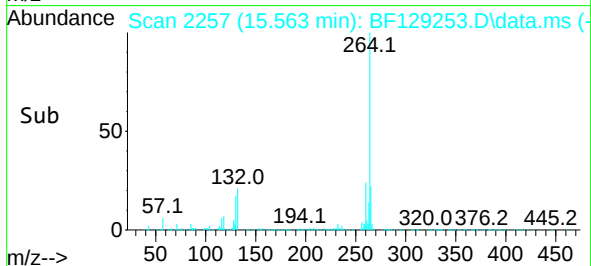
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



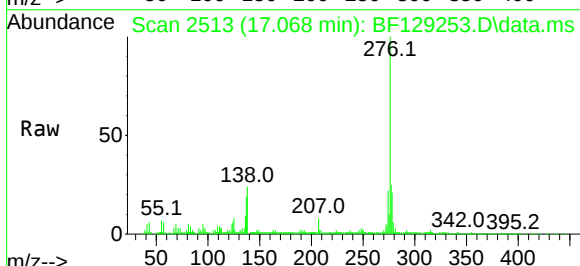
Tgt Ion:264 Resp: 371529
Ion Ratio Lower Upper
264 100
260 24.8 18.4 27.6
265 22.9 17.2 25.8

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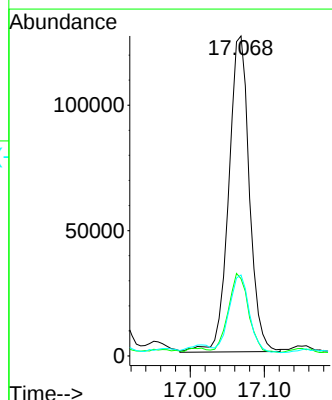
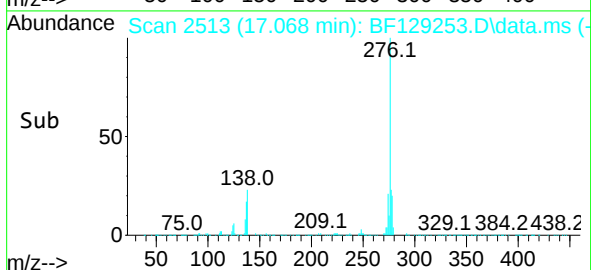
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

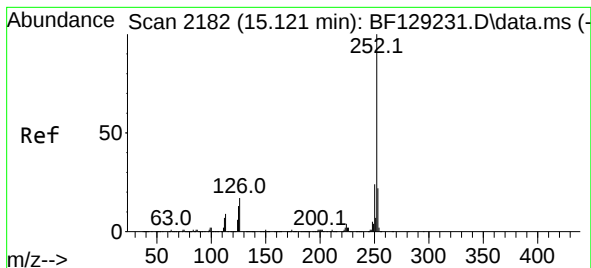


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.523 ng
RT: 17.068 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07



Tgt Ion:276 Resp: 243794
Ion Ratio Lower Upper
276 100
138 24.3 21.1 31.7
277 23.9 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 27.455 ng m

RT: 15.121 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF129253.D

Acq: 15 Jul 2022 23:07

Instrument :

BNF

ClientSampleId :

RIDGEFIELD-M&R-SP

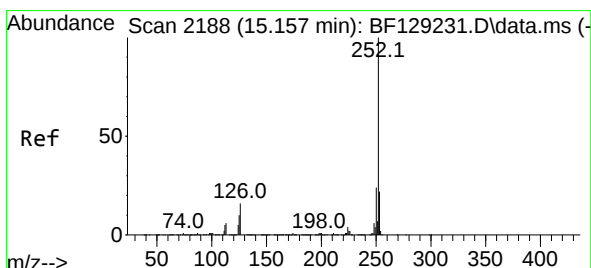
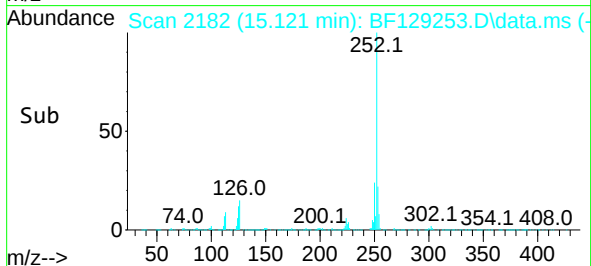
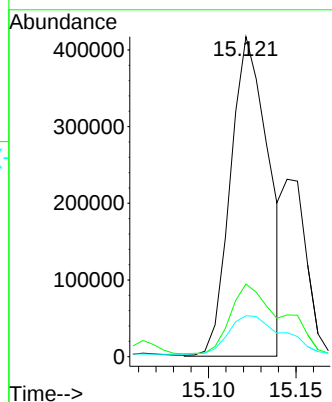
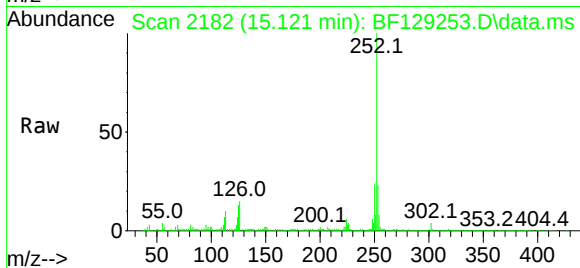
Tgt Ion:252 Resp: 626639
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 12.8 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#89

Benzo(k)fluoranthene

Concen: 9.732 ng m

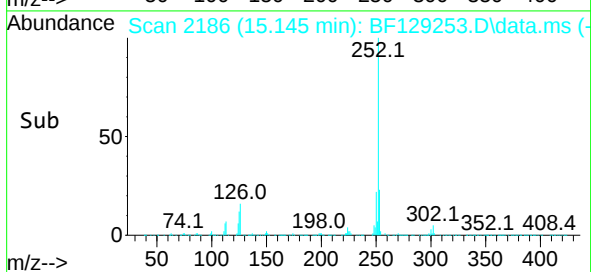
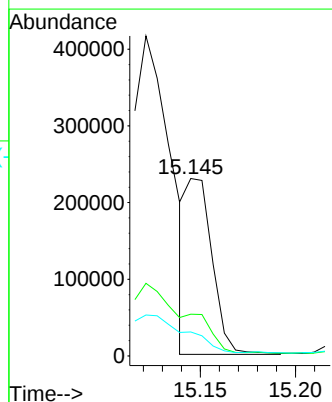
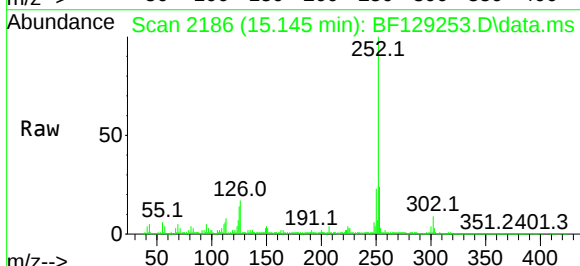
RT: 15.145 min Scan# 2186

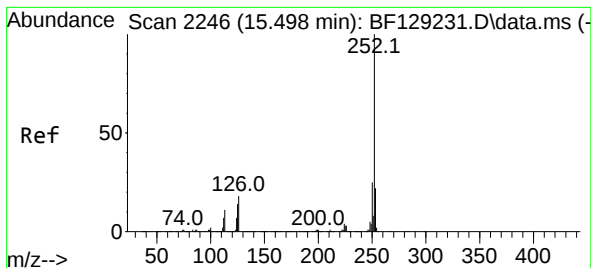
Delta R.T. -0.012 min

Lab File: BF129253.D

Acq: 15 Jul 2022 23:07

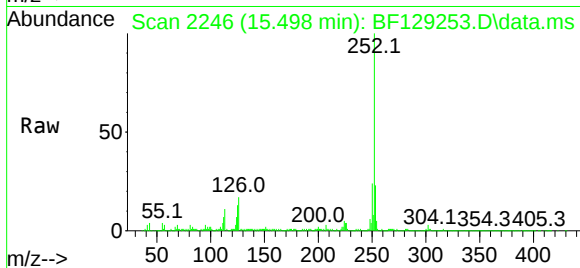
Tgt Ion:252 Resp: 217024
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.8 26.6
 125 13.5 8.3 12.5





#90
Benzo(a)pyrene
Concen: 21.807 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

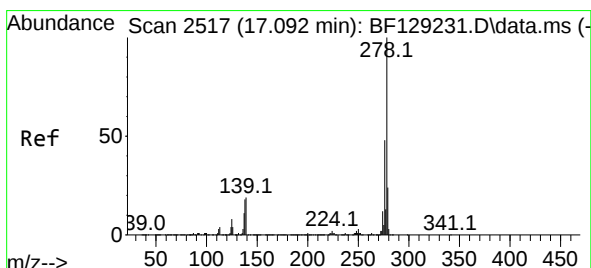
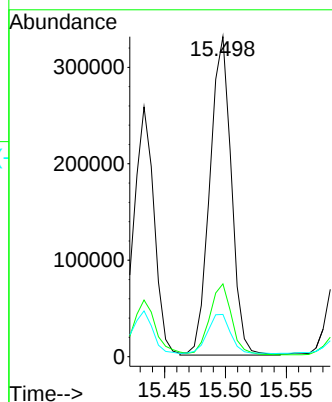
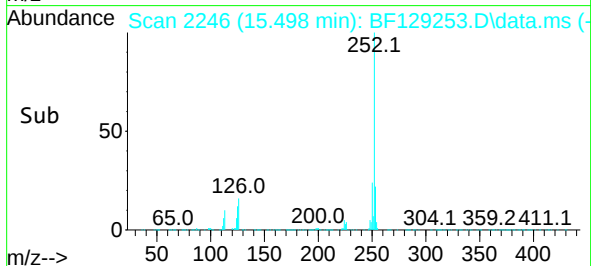
Instrument :
BNA_F
ClientSampleId :
RIDGEFIELD-M&R-SP



Tgt Ion:252 Resp: 405188
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.2 8.8 13.2

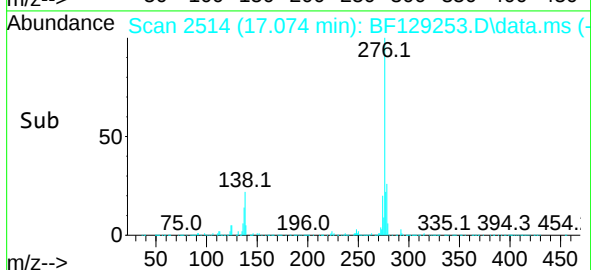
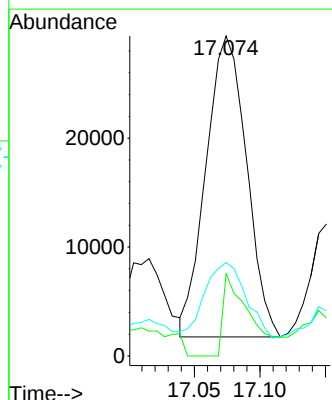
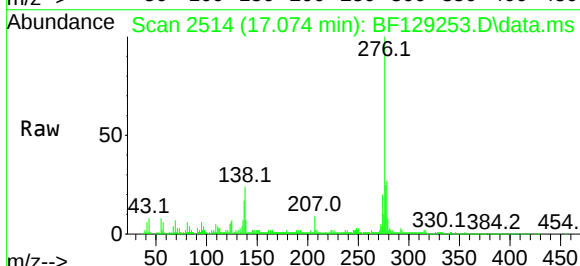
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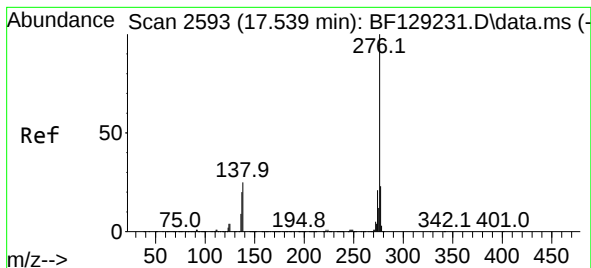
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.171 ng
RT: 17.074 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF129253.D
Acq: 15 Jul 2022 23:07

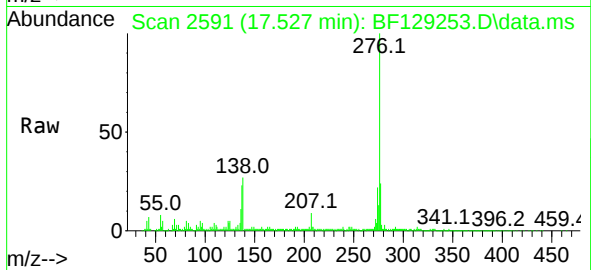
Tgt Ion:278 Resp: 59418
Ion Ratio Lower Upper
278 100
139 25.7 12.8 19.2#
279 29.2 18.6 28.0#





#92
 Benzo(g,h,i)perylene
 Concen: 12.542 ng
 RT: 17.527 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129253.D
 Acq: 15 Jul 2022 23:07

Instrument :
 BNA_F
 ClientSampleId :
 RIDGEFIELD-M&R-SP



Tgt Ion: 276 Resp: 240250
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.1 28.7
 138 26.5 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

