

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127042.D
 Acq On : 23 Feb 2022 16:33
 Operator : CG\JU
 Sample : N1626-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

Quant Time: Feb 24 02:16:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	71264	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	268681	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	109110	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	170463	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	101586	20.000	ng	# 0.04
86) Perylene-d12	15.663	264	72580	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	405046	87.846	ng	0.00
7) Phenol-d6	6.534	99	535709	86.104	ng	0.00
23) Nitrobenzene-d5	7.469	82	369011	61.992	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	99959	79.569	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	534799	72.157	ng	0.00
79) Terphenyl-d14	13.039	244	479188	69.343	ng	0.01
Target Compounds						Qvalue
46) 1,1'-Biphenyl	9.363	154	109707	12.691	ng	98
71) Phenanthrene	11.463	178	19477	2.041	ng	# 88
78) Pyrene	12.892	202	22872m	2.592	ng	
84) Bis(2-ethylhexyl)phtha...	14.086	149	45482	8.291	ng	# 68

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

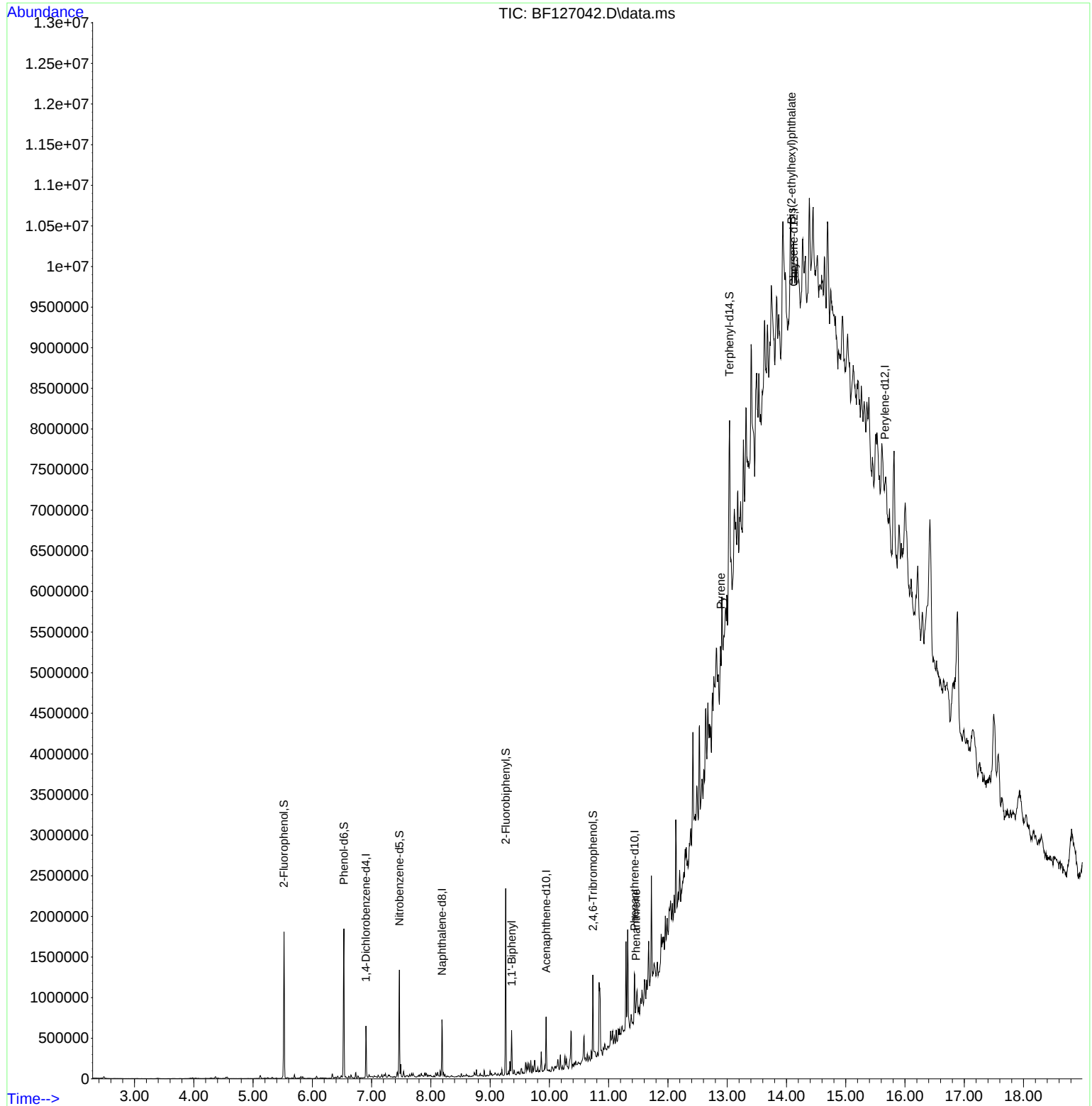
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127042.D
Acq On : 23 Feb 2022 16:33
Operator : CG\JU
Sample : N1626-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-B7

Quant Time: Feb 24 02:16:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

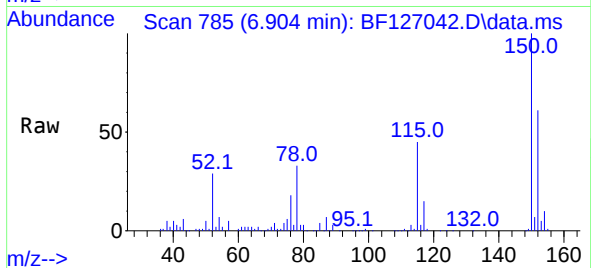
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

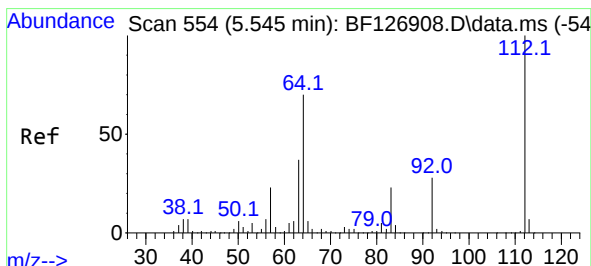
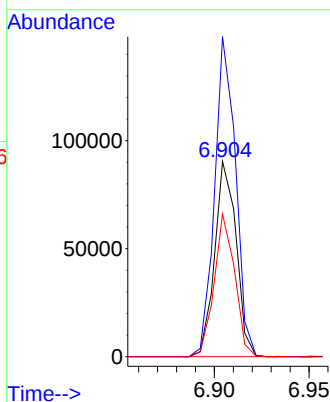
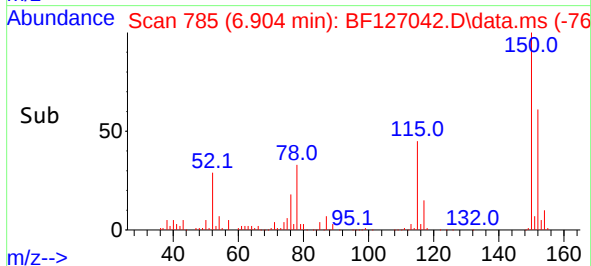
Instrument :
BNA_F
ClientSampleId :
CC-B7



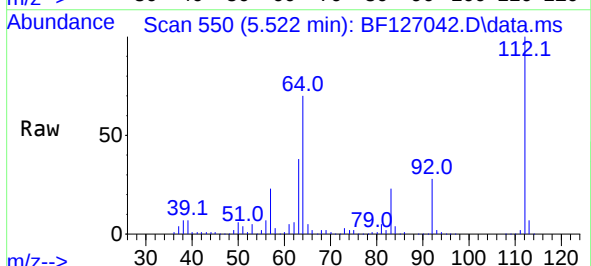
Tgt Ion:152 Resp: 71264
Ion Ratio Lower Upper
152 100
150 163.9 128.1 192.1
115 73.0 56.7 85.1

Manual Integrations
APPROVED

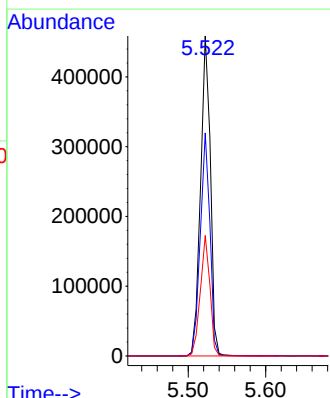
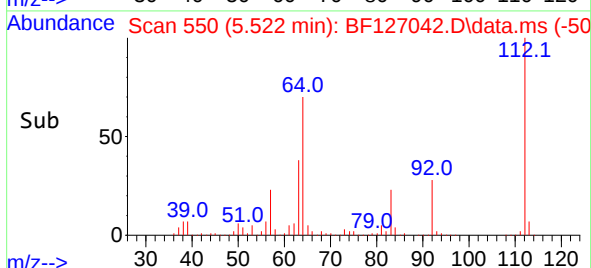
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

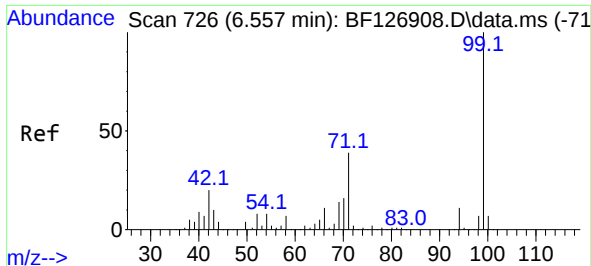


#5
2-Fluorophenol
Concen: 87.846 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33



Tgt Ion:112 Resp: 405046
Ion Ratio Lower Upper
112 100
64 69.7 49.5 74.3
63 37.7 23.9 35.9#





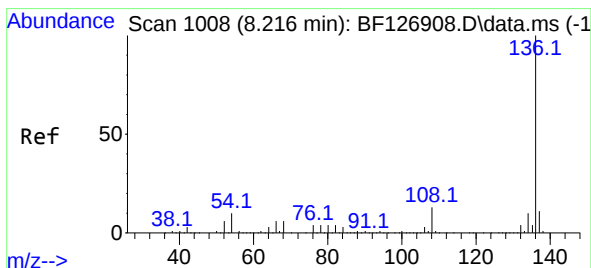
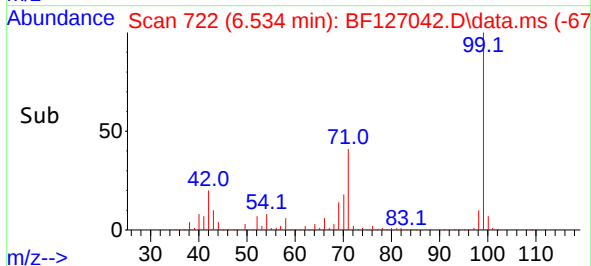
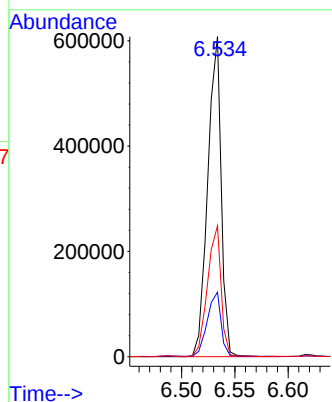
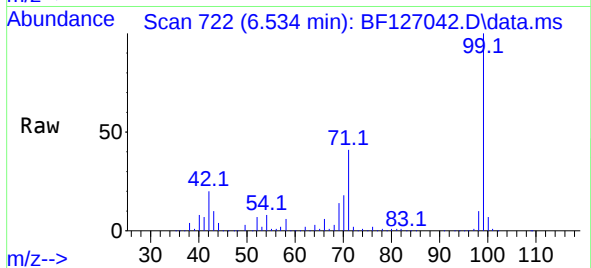
#7
Phenol-d6
Concen: 86.104 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion: 99 Resp: 535709
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 40.9 24.3 36.5

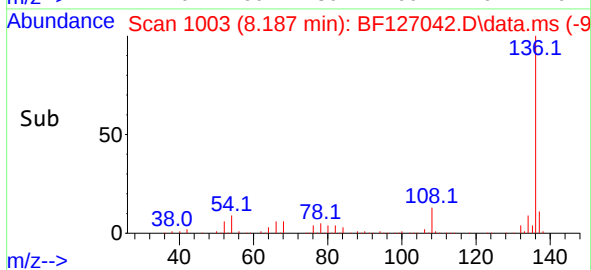
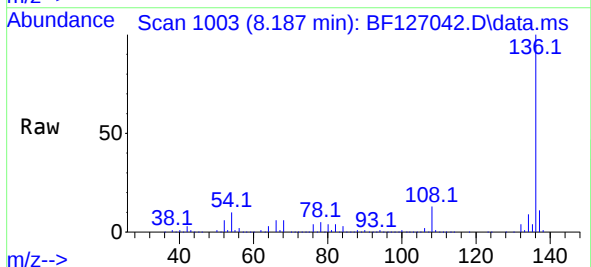
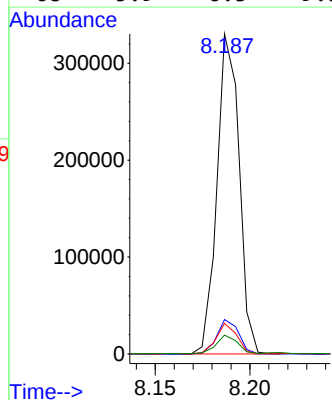
Manual Integrations
APPROVED

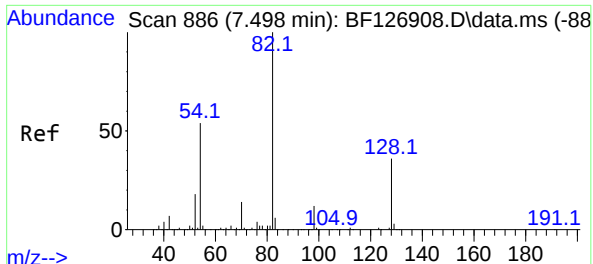
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Tgt Ion:136 Resp: 268681
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 7.8 11.6
68 5.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 61.992 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

Tgt Ion: 82 Resp: 36901

Ion Ratio Lower Upper

82 100

128 39.6 32.7 49.1

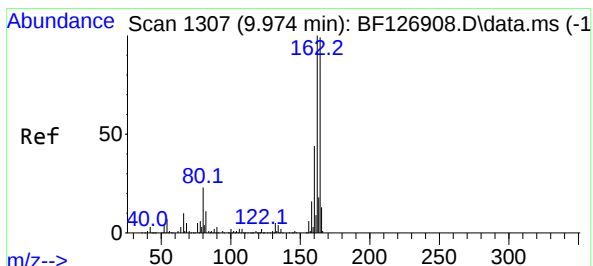
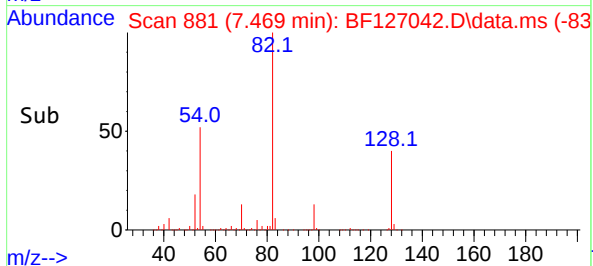
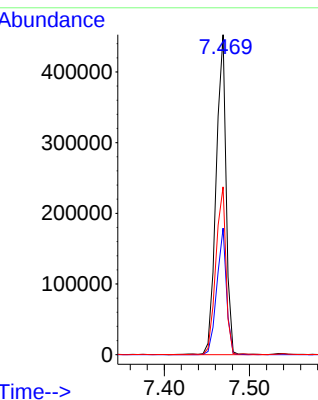
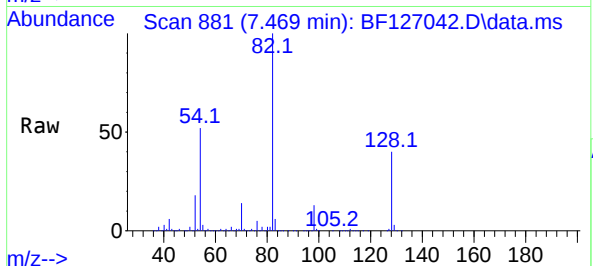
54 52.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2022

Supervised By :Jagrut Upadhyay 02/24/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

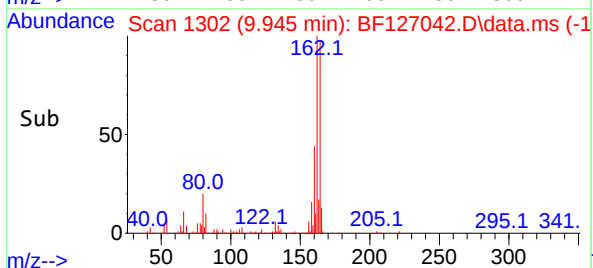
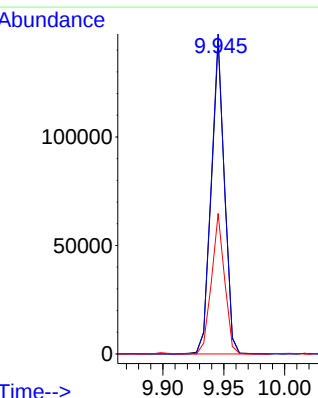
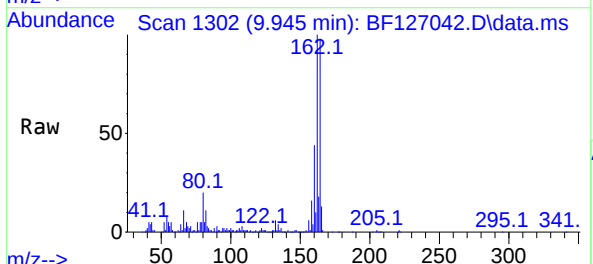
Tgt Ion:164 Resp: 109110

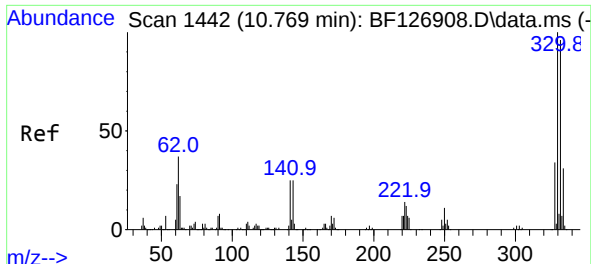
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 44.9 36.6 54.8





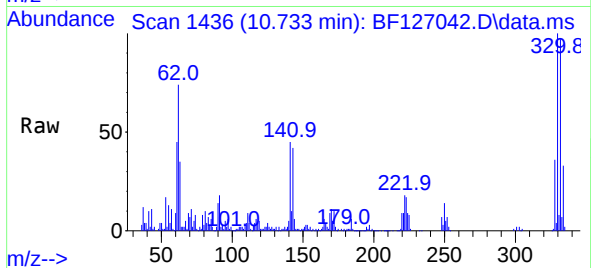
#42
2,4,6-Tribromophenol
Concen: 79.569 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

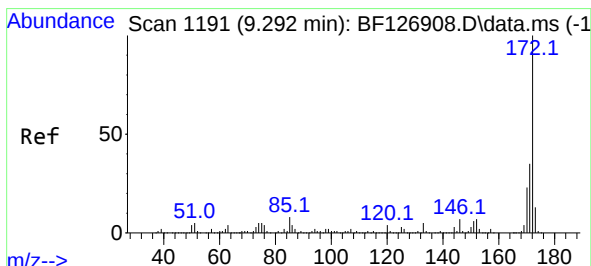
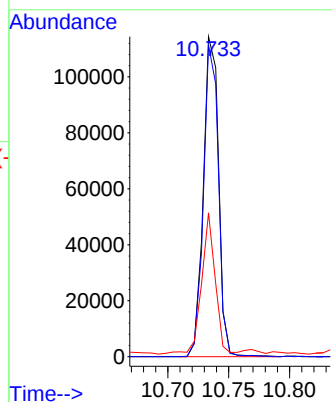
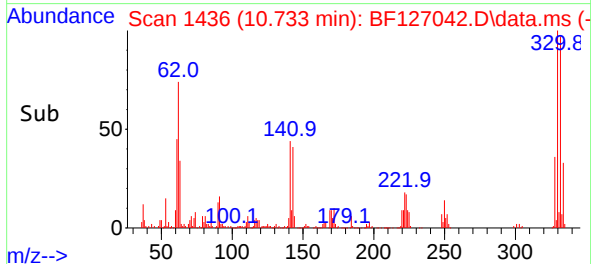


Tgt Ion:330 Resp: 9995
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 39.6 30.1 45.1

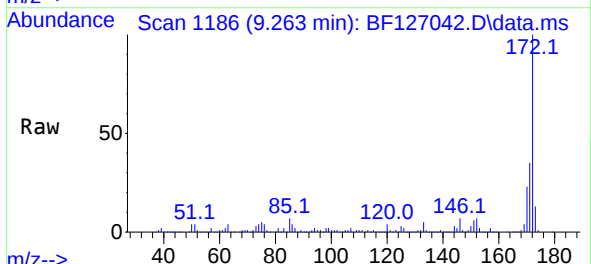
Manual Integrations

APPROVED

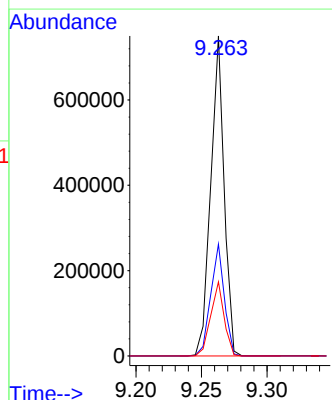
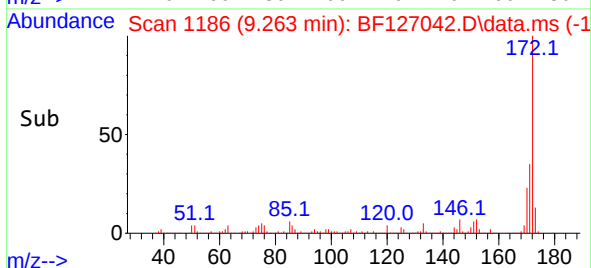
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

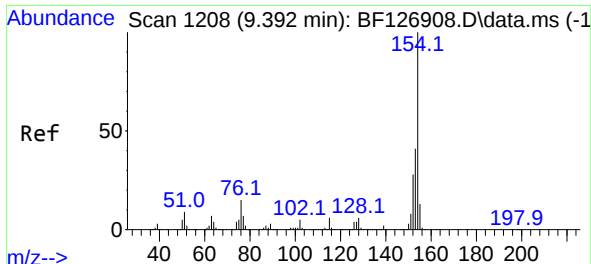


#45
2-Fluorobiphenyl
Concen: 72.157 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33



Tgt Ion:172 Resp: 534799
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 19.0 28.6





#46

1,1'-Biphenyl

Concen: 12.691 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

Instrument :

BNA_F

ClientSampleId :

CC-B7

Tgt Ion:154 Resp: 10970

Ion Ratio Lower Upper

154 100

153 39.6 19.0 59.0

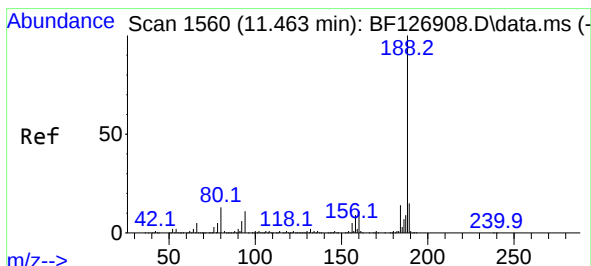
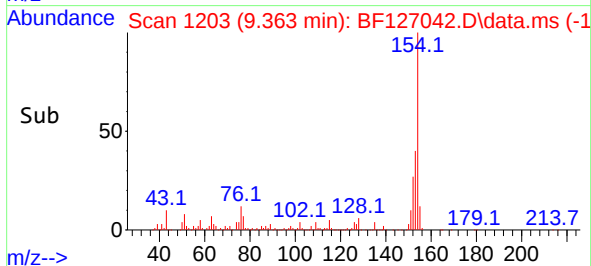
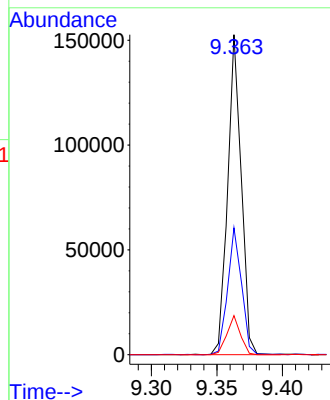
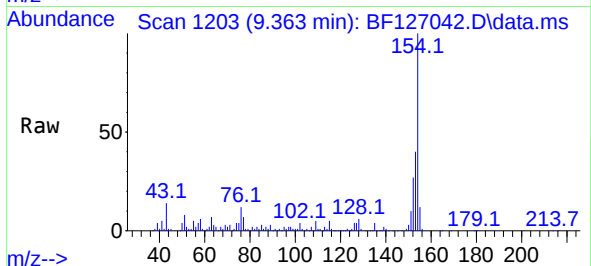
76 12.2 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2022

Supervised By :Jagrut Upadhyay 02/24/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF127042.D

Acq: 23 Feb 2022 16:33

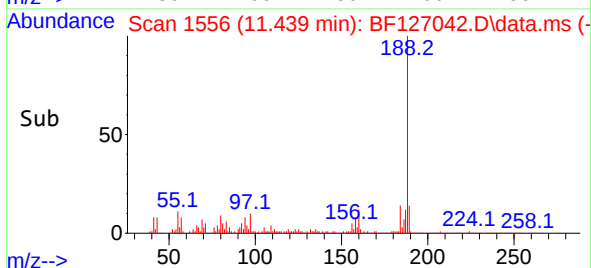
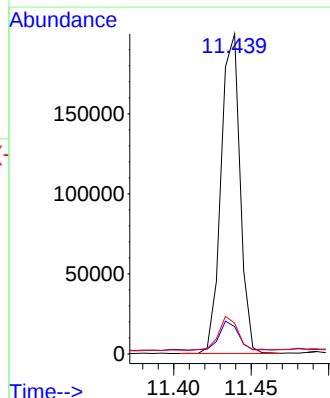
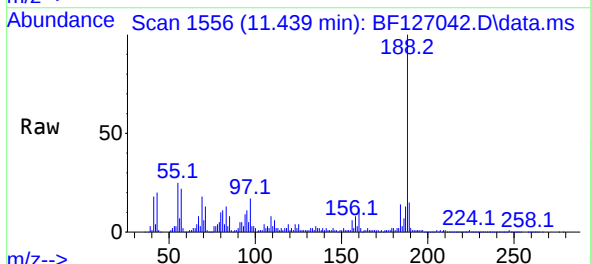
Tgt Ion:188 Resp: 170463

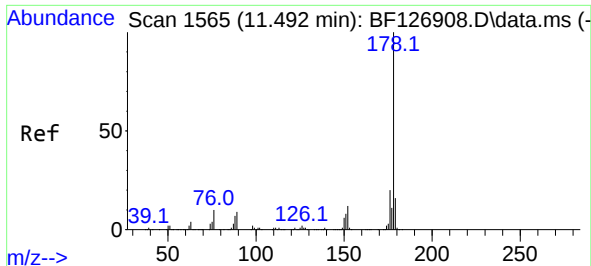
Ion Ratio Lower Upper

188 100

94 8.6 10.1 15.1#

80 9.7 11.8 17.6#





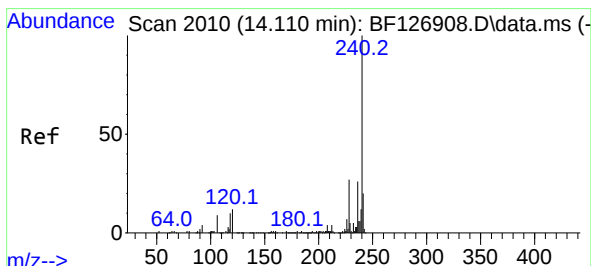
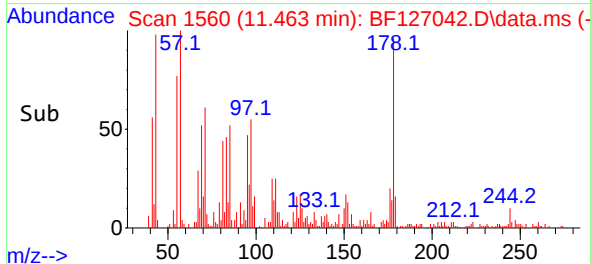
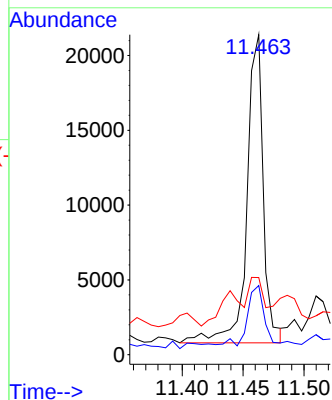
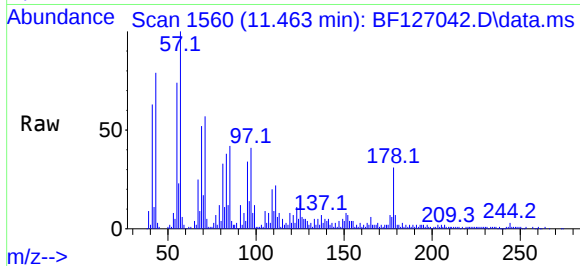
#71
Phenanthrene
Concen: 2.041 ng
RT: 11.463 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

Instrument :
BNA_F
ClientSampleId :
CC-B7

Tgt Ion:178 Resp: 1947
Ion Ratio Lower Upper
178 100
176 21.6 15.7 23.5
179 24.1 12.3 18.5

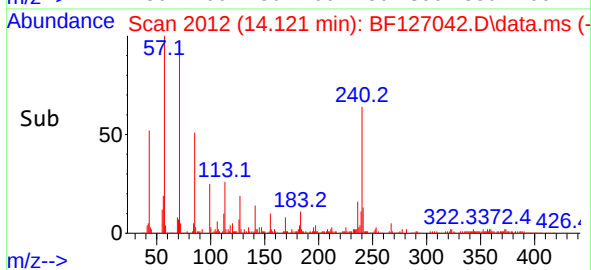
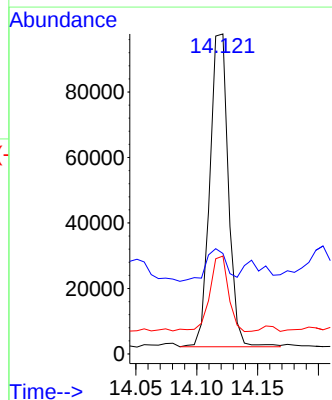
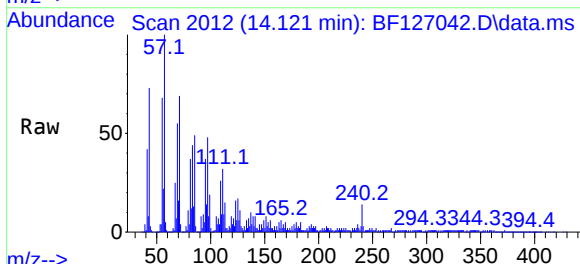
Manual Integrations
APPROVED

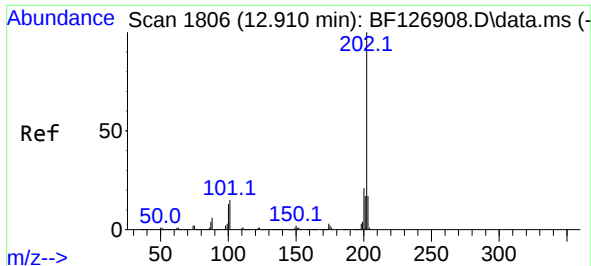
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.035 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

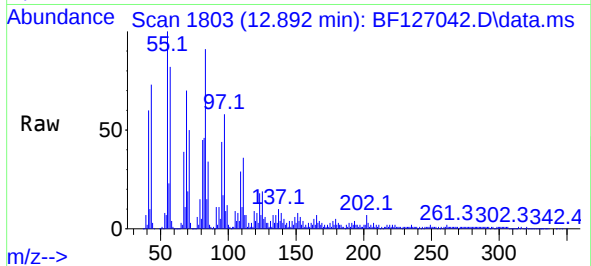
Tgt Ion:240 Resp: 101586
Ion Ratio Lower Upper
240 100
120 31.4 14.4 21.6#
236 30.6 20.5 30.7





#78
Pyrene
Concen: 2.592 ng m
RT: 12.892 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

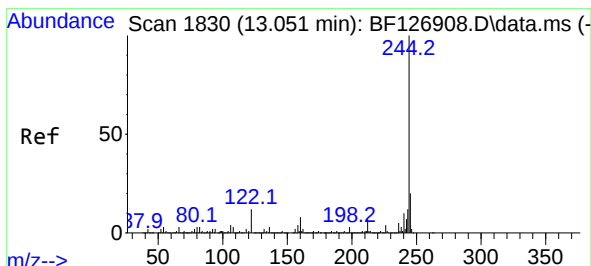
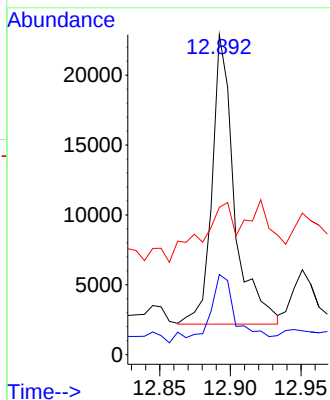
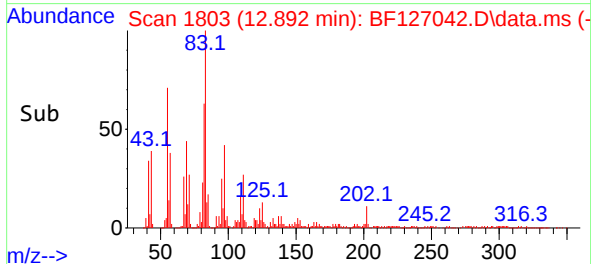
Instrument :
BNA_F
ClientSampleId :
CC-B7



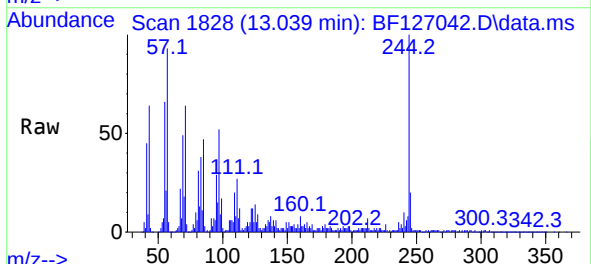
Tgt Ion:202 Resp: 22872
Ion Ratio Lower Upper
202 100
200 25.0 16.6 24.8
203 46.0 13.8 20.8

Manual Integrations
APPROVED

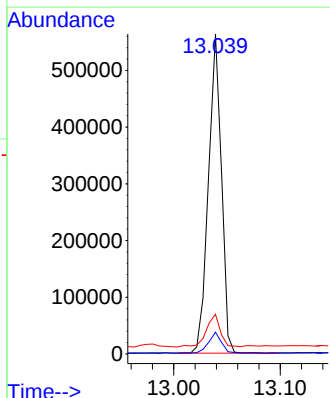
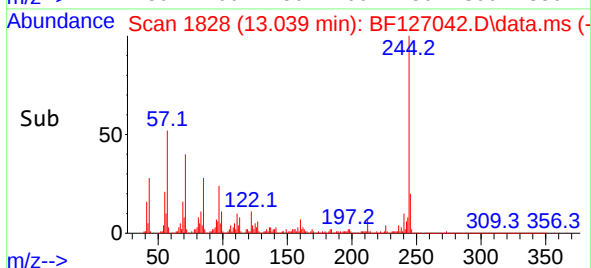
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

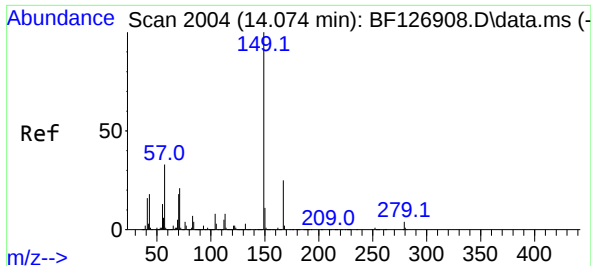


#79
Terphenyl-d14
Concen: 69.343 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33



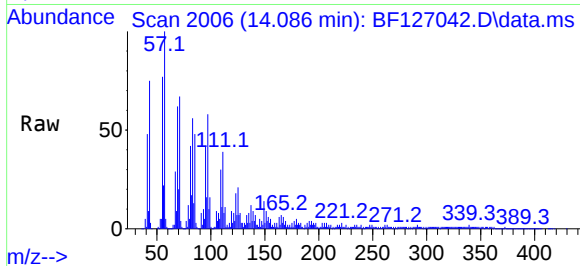
Tgt Ion:244 Resp: 479188
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 12.4 13.3 19.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 8.291 ng
RT: 14.086 min Scan# 2004
Delta R.T. 0.035 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33

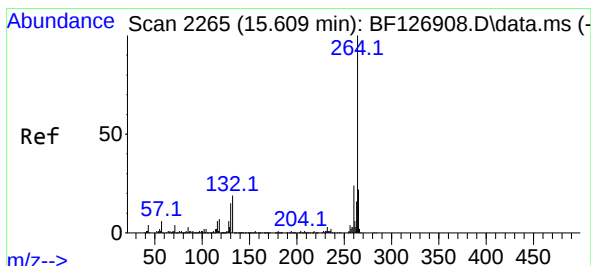
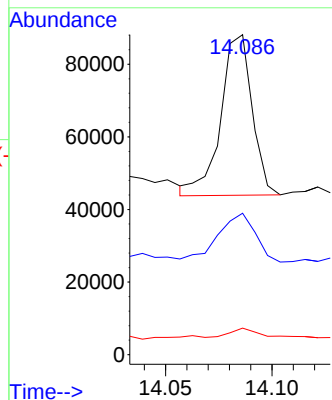
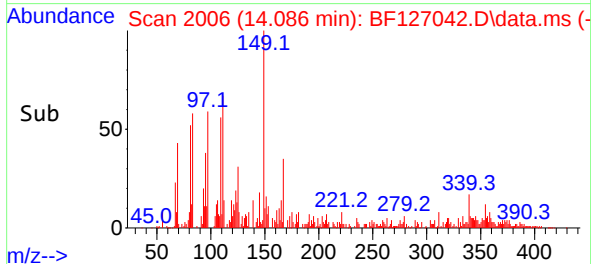
Instrument :
BNA_F
Client SampleId :
CC-B7



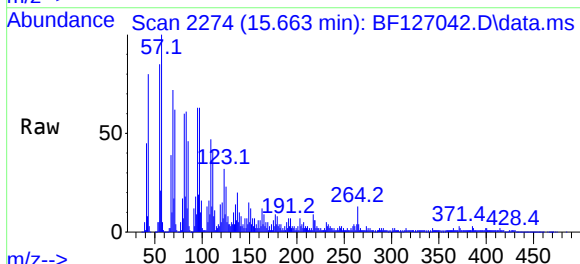
Tgt Ion:149 Resp: 4548
Ion Ratio Lower Upper
149 100
167 44.2 21.4 32.2
279 8.3 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 2274
Delta R.T. 0.077 min
Lab File: BF127042.D
Acq: 23 Feb 2022 16:33



Tgt Ion:264 Resp: 72580
Ion Ratio Lower Upper
264 100
260 28.6 19.2 28.8
265 29.1 17.4 26.2

