

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127984.D
 Acq On : 28 Apr 2022 16:45
 Operator : CG\JU
 Sample : N2600-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-15S

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/29/2022
 Supervised By :Jagrut Upadhyay 04/29/2022

Quant Time: Apr 28 17:25:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	88783	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	338383	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	184443	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	322577	20.000	ng	0.00
76) Chrysene-d12	14.104	240	175182	20.000	ng	#-0.01
86) Perylene-d12	15.616	264	188728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	671550	120.477	ng	0.00
7) Phenol-d6	6.552	99	871779	120.532	ng	-0.01
23) Nitrobenzene-d5	7.493	82	620796	86.270	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	224706	121.022	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	990832	90.881	ng	0.00
79) Terphenyl-d14	13.051	244	958027	100.000	ng	0.00
Target Compounds						
75) Fluoranthene	12.675	202	38052	2.141	ng	99
78) Pyrene	12.910	202	31775	2.247	ng	100
88) Benzo(b)fluoranthene	15.169	252	34482m	2.909	ng	
90) Benzo(a)pyrene	15.551	252	24111	2.452	ng	97

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

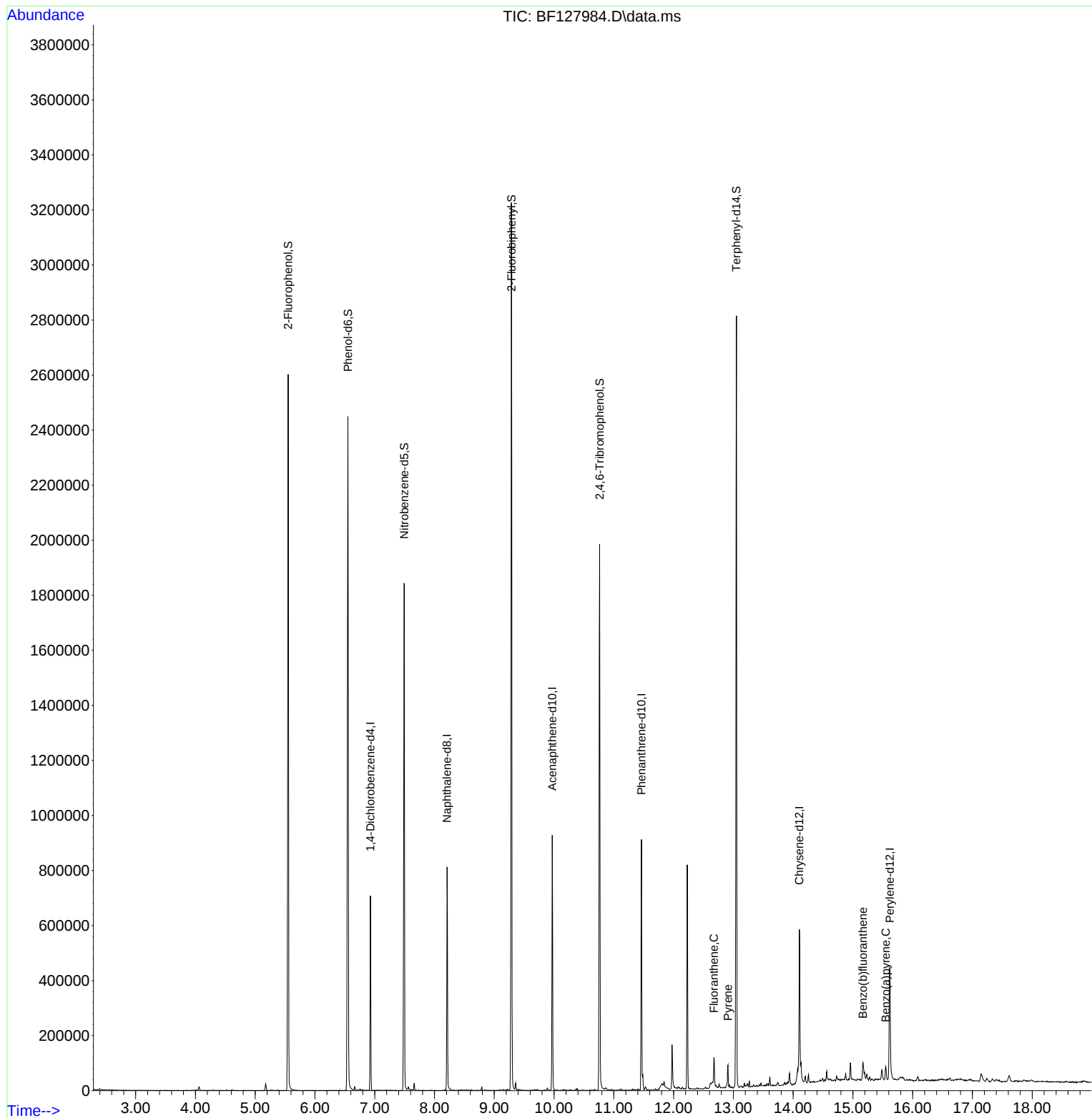
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
Data File : BF127984.D
Acq On : 28 Apr 2022 16:45
Operator : CG\JU
Sample : N2600-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

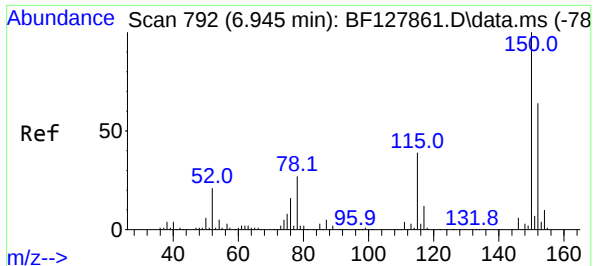
Instrument :
BNA_F
ClientSampleId :
MH-15S

Quant Time: Apr 28 17:25:48 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

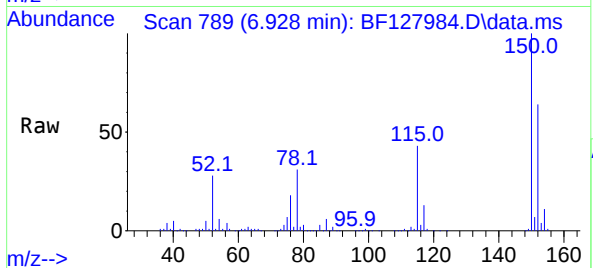
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

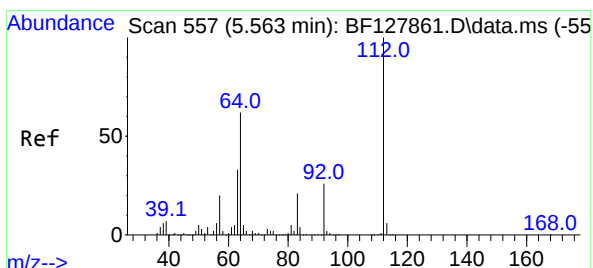
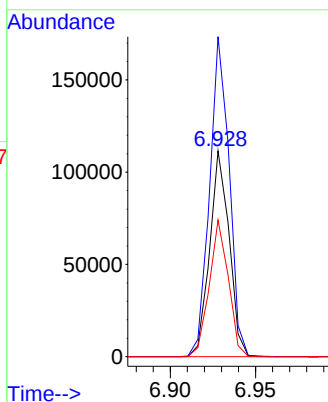
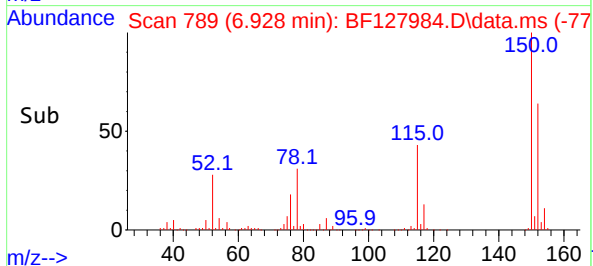
Instrument :
BNA_F
ClientSampleId :
MH-15S



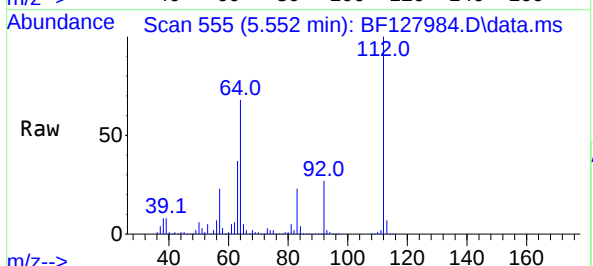
Tgt Ion:152 Resp: 8878
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 66.4 48.8 73.2

Manual Integrations
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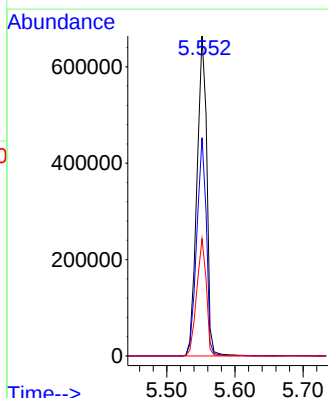
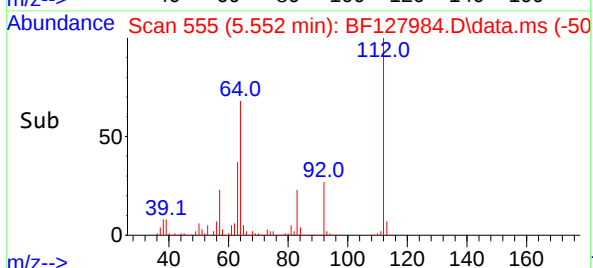
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

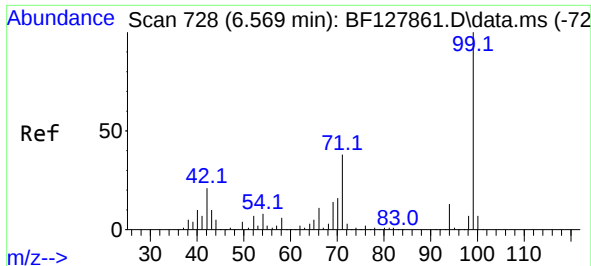


#5
2-Fluorophenol
Concen: 120.477 ng
RT: 5.552 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45



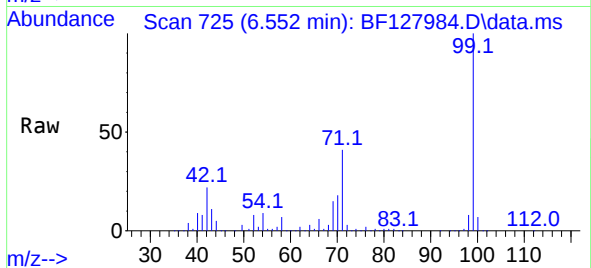
Tgt Ion:112 Resp: 671550
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 36.7 26.3 39.5





#7
Phenol-d6
Concen: 120.532 ng
RT: 6.552 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

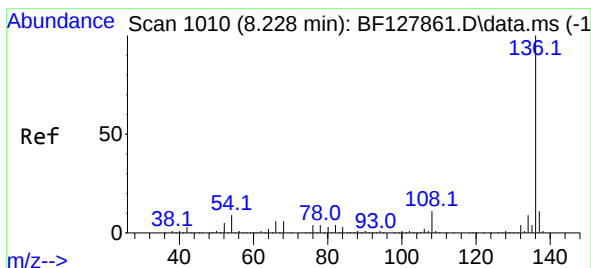
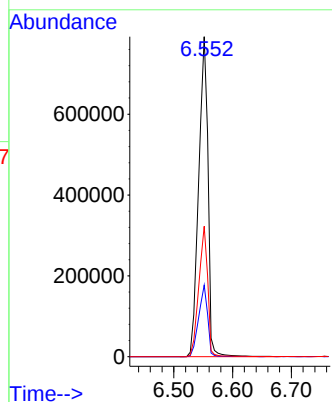
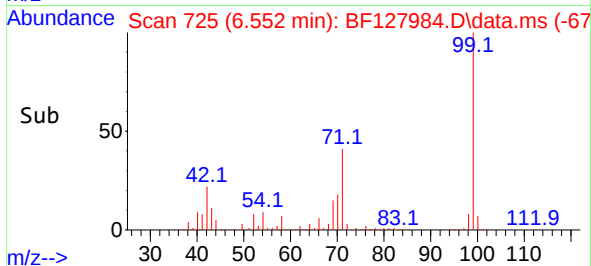
Instrument :
BNA_F
ClientSampleId :
MH-15S



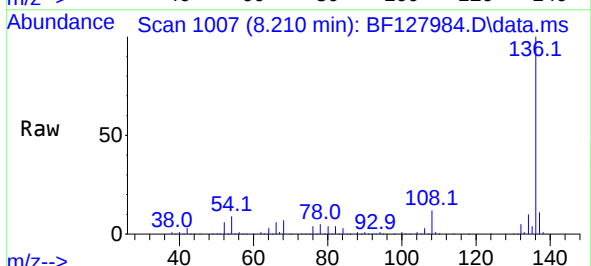
Tgt Ion: 99 Resp: 871779
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.7 30.0 45.0

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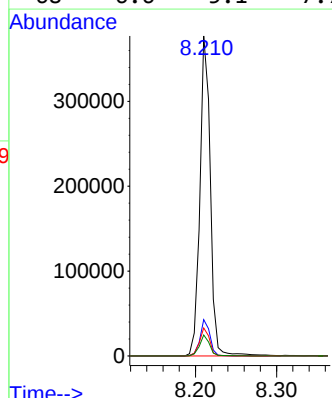
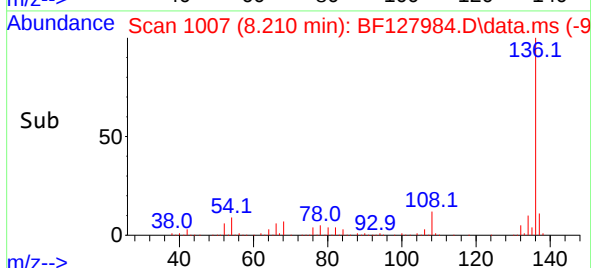
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

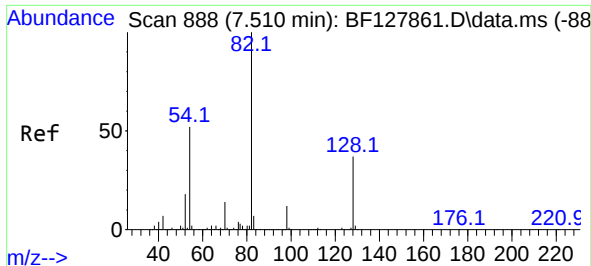


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45



Tgt Ion:136 Resp: 338383
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.7 6.8 10.2
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 86.270 ng

RT: 7.493 min Scan# 81

Delta R.T. -0.011 min

Lab File: BF127984.D

Acq: 28 Apr 2022 16:45

Instrument :

BNA_F

ClientSampleId :

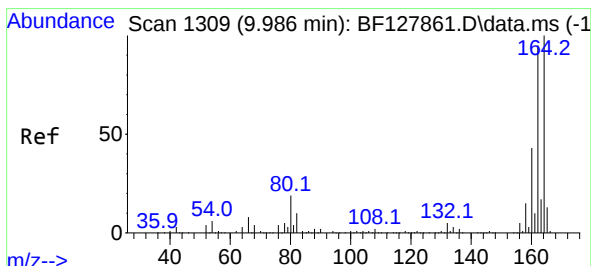
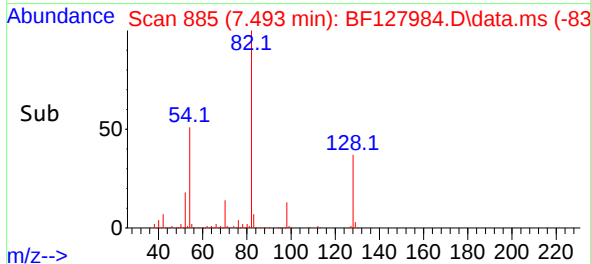
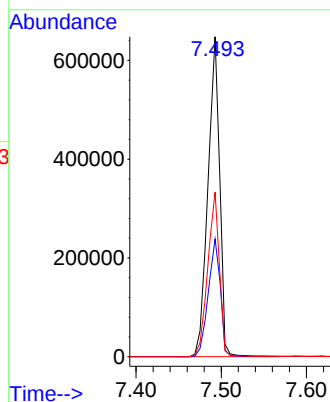
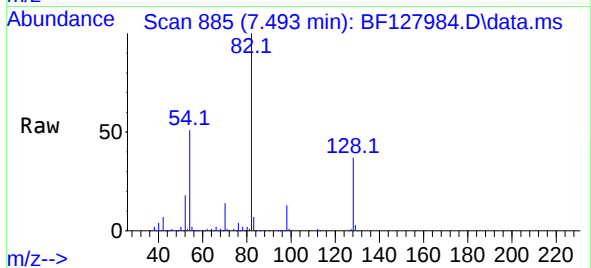
MH-15S

Tgt Ion: 82 Resp: 620790
 Ion Ratio Lower Upper
 82 100
 128 36.8 30.0 45.0
 54 51.4 41.3 61.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

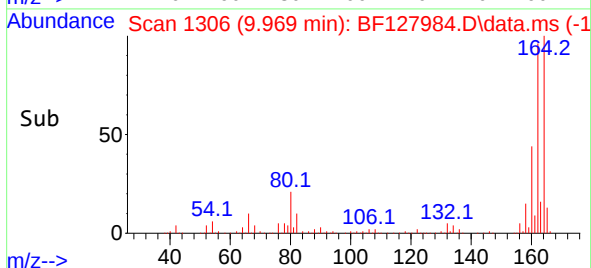
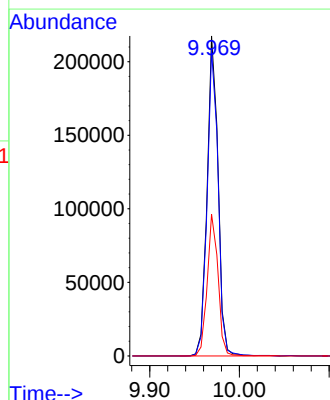
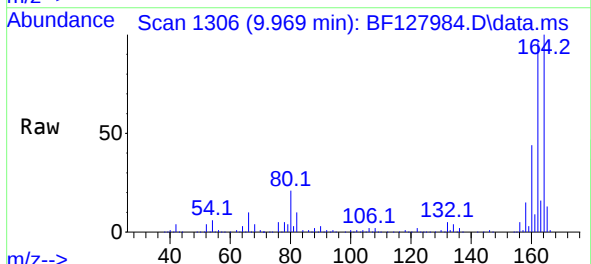
RT: 9.969 min Scan# 1306

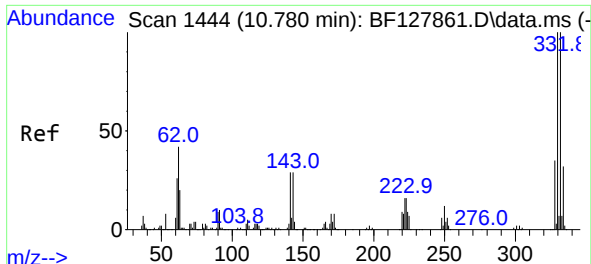
Delta R.T. -0.006 min

Lab File: BF127984.D

Acq: 28 Apr 2022 16:45

Tgt Ion:164 Resp: 184443
 Ion Ratio Lower Upper
 164 100
 162 95.6 76.0 114.0
 160 44.3 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 121.022 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

Instrument :

BNA_F

ClientSampleId :

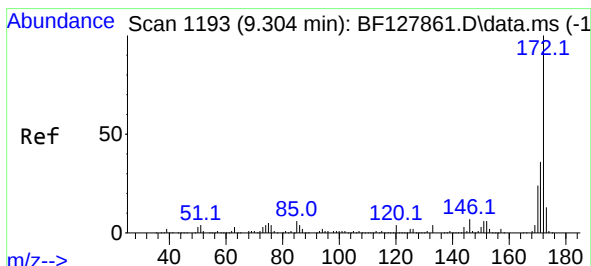
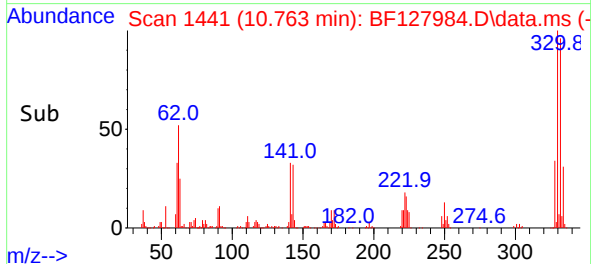
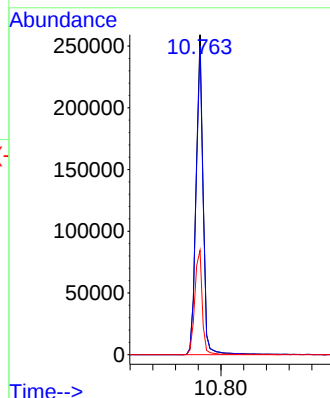
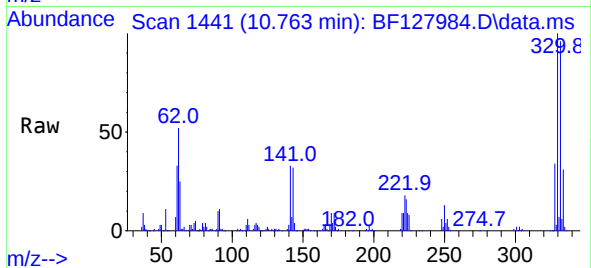
MH-15S

Tgt Ion:330 Resp: 224700
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 34.5 28.9 43.3

Manual Integrations

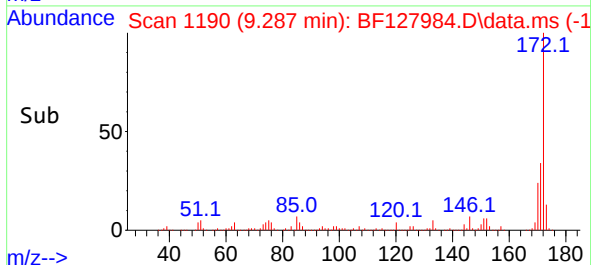
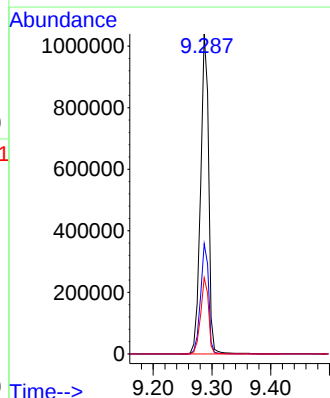
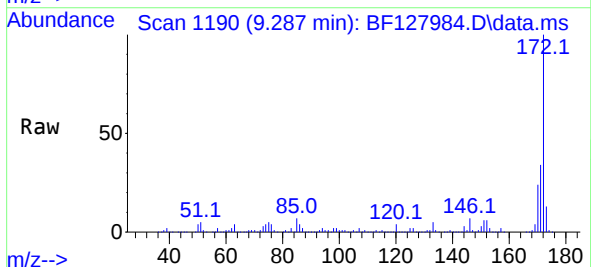
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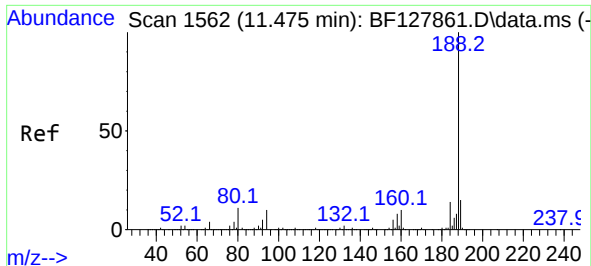
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#45
2-Fluorobiphenyl
Concen: 90.881 ng
RT: 9.287 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

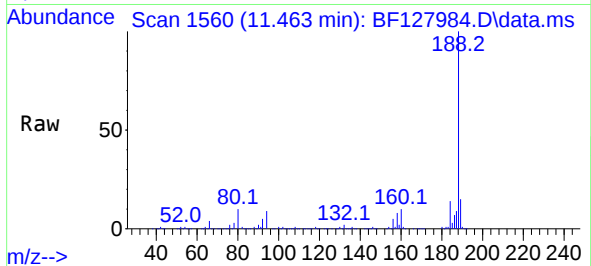
Tgt Ion:172 Resp: 990832
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

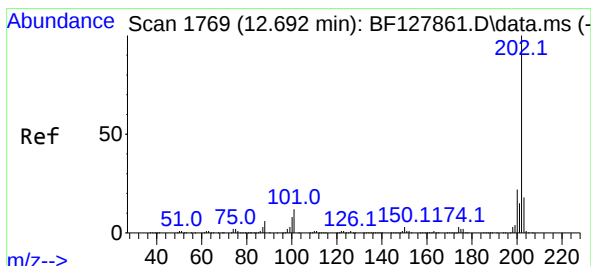
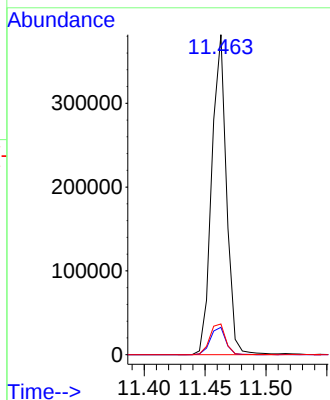
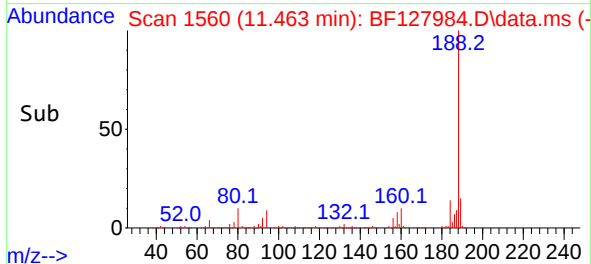
Instrument :
BNA_F
ClientSampleId :
MH-15S



Tgt Ion:188 Resp: 32257
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.6 8.9 13.3

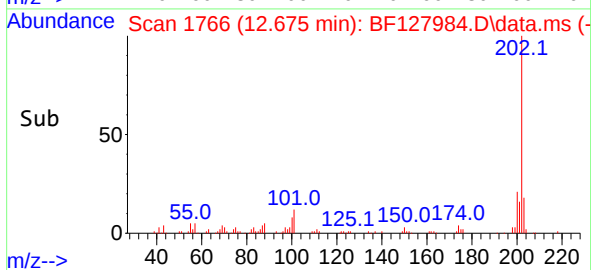
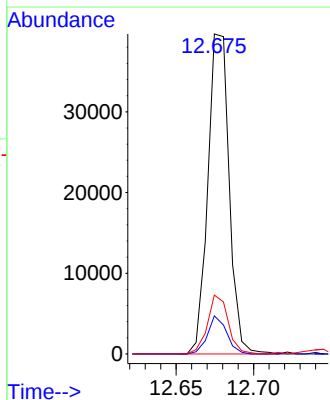
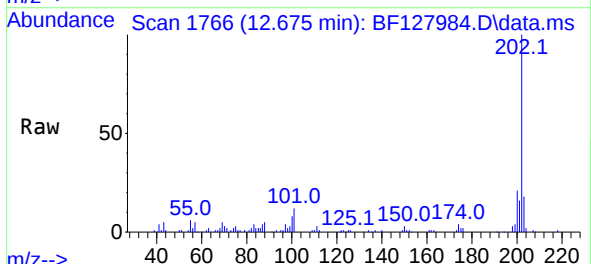
Manual Integrations
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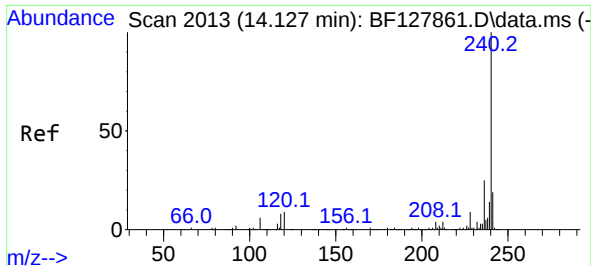
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#75
Fluoranthene
Concen: 2.141 ng
RT: 12.675 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

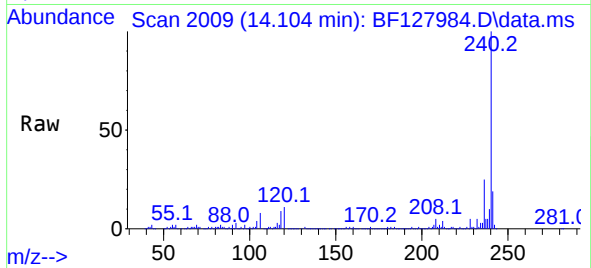
Tgt Ion:202 Resp: 38052
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.6
203 18.4 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.011 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

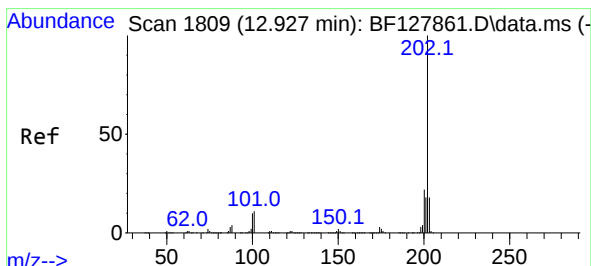
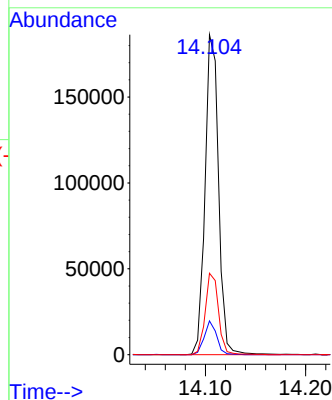
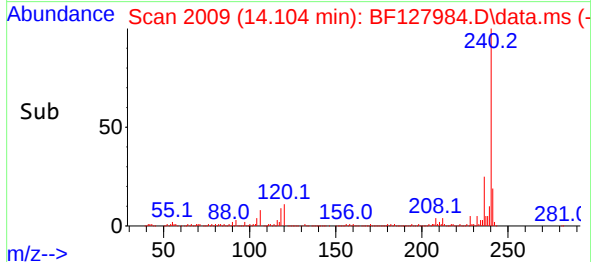
Instrument :
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MH-15S



Tgt Ion:240 Resp: 17518
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6
236 25.5 20.3 30.5

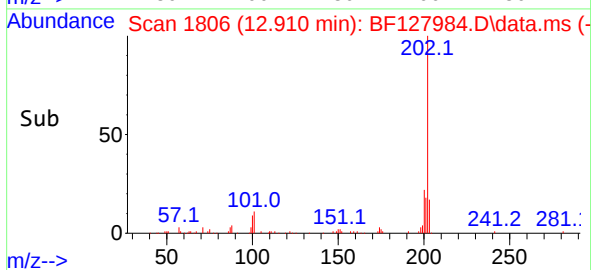
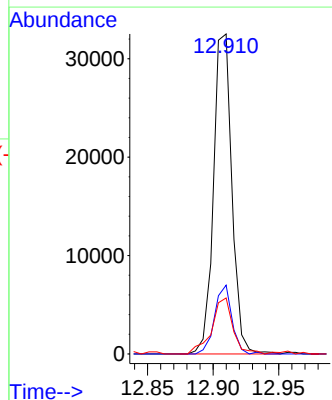
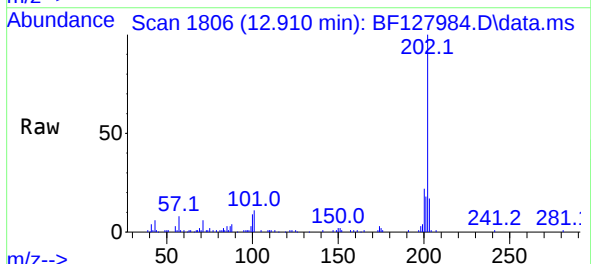
Manual Integrations
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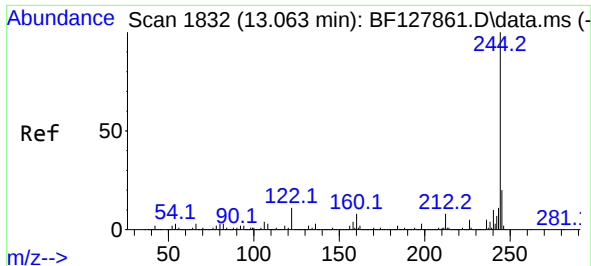
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#78
Pyrene
Concen: 2.247 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

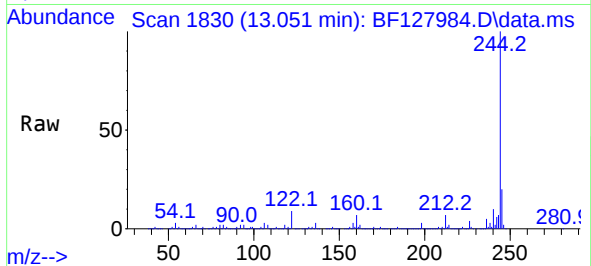
Tgt Ion:202 Resp: 31775
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.0 21.0





#79
Terphenyl-d14
Concen: 100.000 ng
RT: 13.051 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

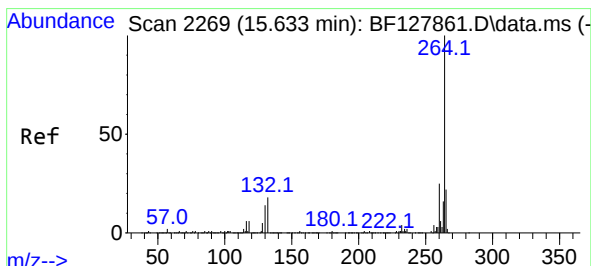
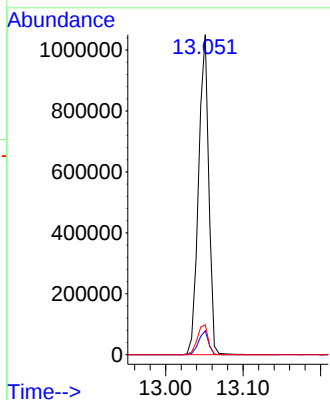
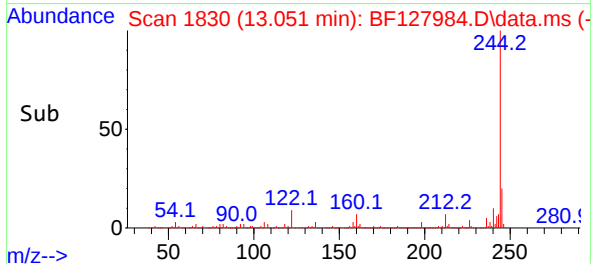
Instrument :
BNA_F
ClientSampleId :
MH-15S



Tgt Ion:244 Resp: 958027
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.4 8.6 12.8

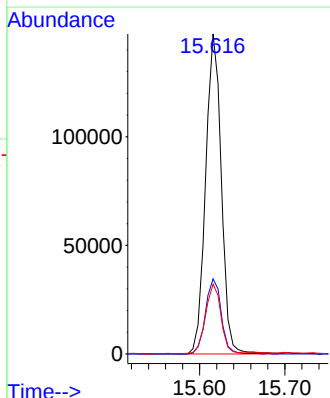
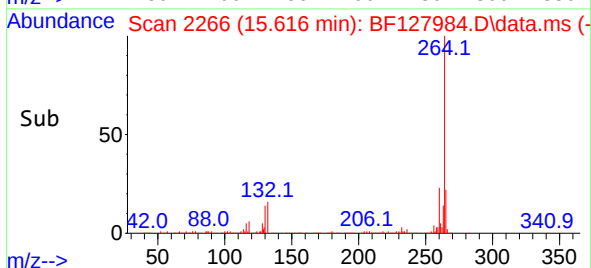
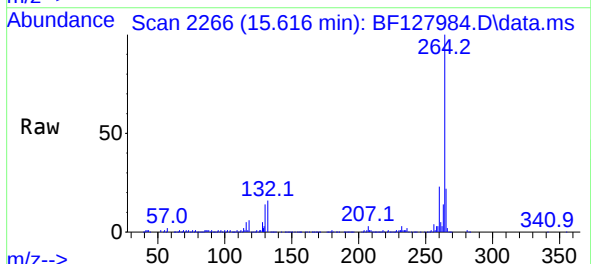
Manual Integrations
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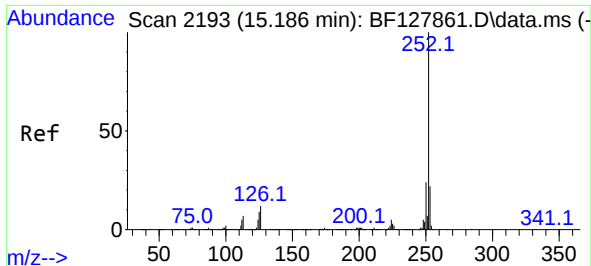
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.616 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

Tgt Ion:264 Resp: 188728
Ion Ratio Lower Upper
264 100
260 23.4 20.1 30.1
265 21.8 17.5 26.3





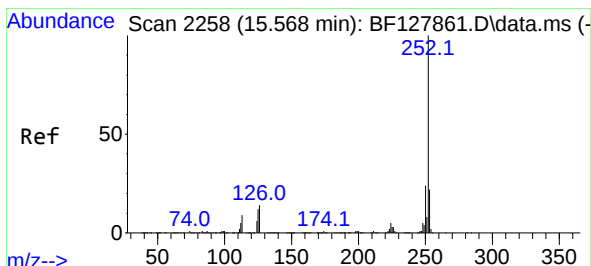
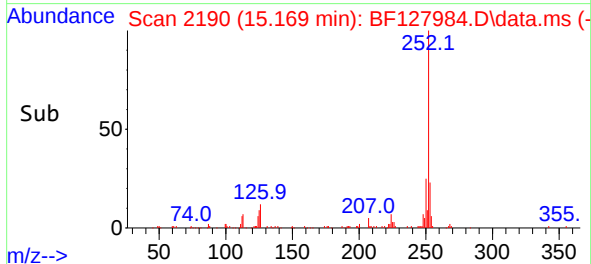
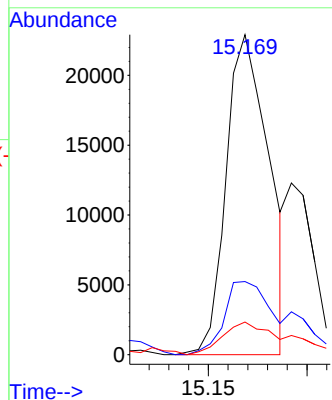
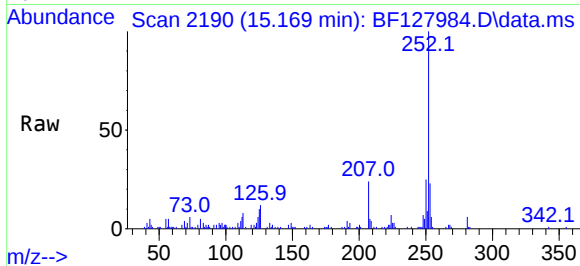
#88
Benzo(b)fluoranthene
Concen: 2.909 ng m
RT: 15.169 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

Instrument :
BNA_F
ClientSampleId :
MH-15S

Tgt Ion:252 Resp: 3448
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.2 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#90
Benzo(a)pyrene
Concen: 2.452 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF127984.D
Acq: 28 Apr 2022 16:45

Tgt Ion:252 Resp: 24111
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 12.4 9.2 13.8

