

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129684.D
 Acq On : 10 Aug 2022 01:05
 Operator : CG\JU
 Sample : N3962-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-199D

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 05:38:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	164353	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	619655	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	285846	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	413426	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	299242	20.000	ng	-0.01
86) Perylene-d12	15.492	264	242593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	925631	91.745	ng	0.00
7) Phenol-d6	6.492	99	1169769	92.242	ng	-0.01
23) Nitrobenzene-d5	7.404	82	726402	63.992	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	240946	87.674	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1272357	68.858	ng	-0.01
79) Terphenyl-d14	12.957	244	1055052	66.516	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	97777	4.276	ng	99
78) Pyrene	12.816	202	117330	4.689	ng	97
83) Chrysene	14.039	228	60792	3.156	ng	98
88) Benzo(b)fluoranthene	15.063	252	74891m	4.654	ng	
90) Benzo(a)pyrene	15.427	252	48015	3.676	ng	# 93

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

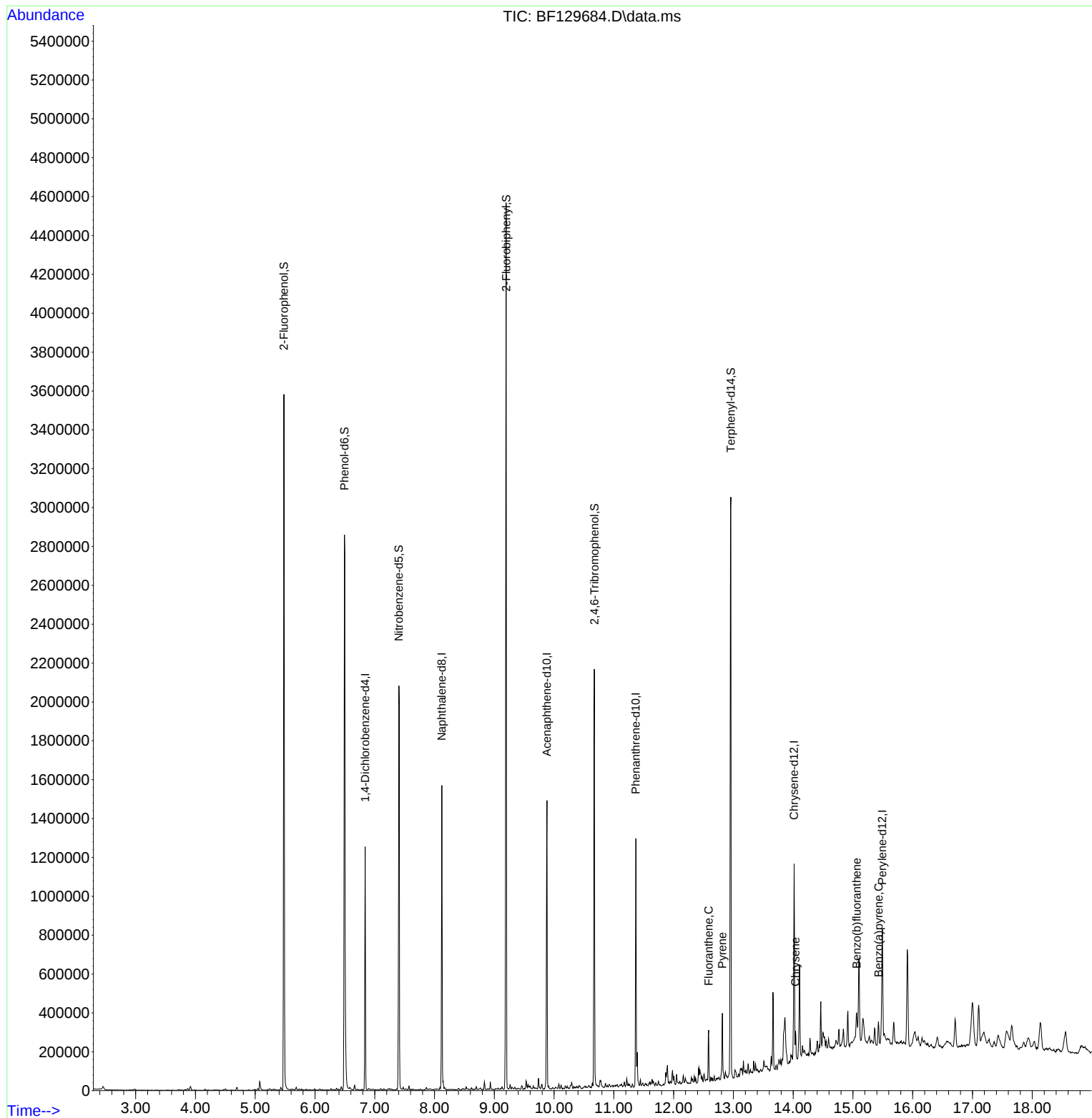
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
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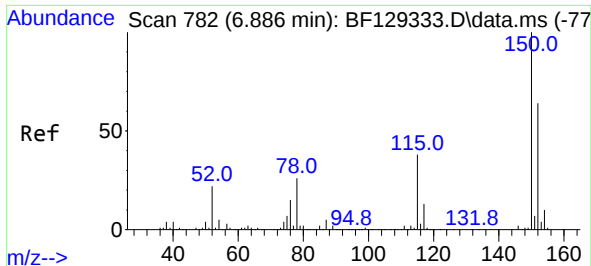
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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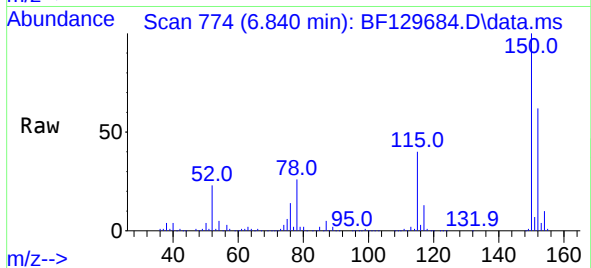
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

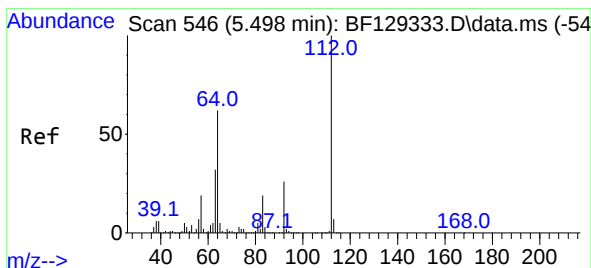
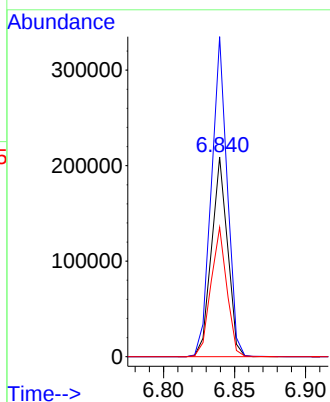
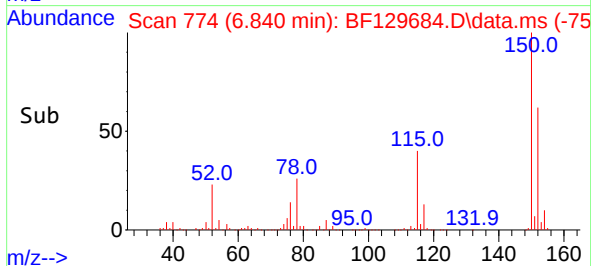
Instrument :
BNA_F
ClientSampleId :
RVE-199D



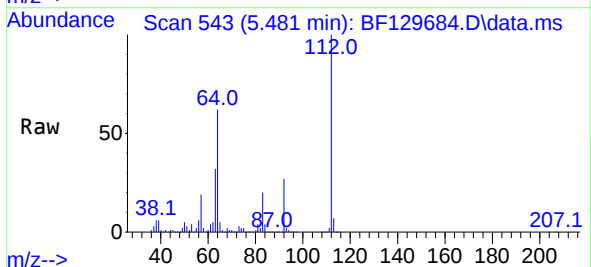
Tgt Ion:152 Resp: 16435
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 64.7 49.9 74.9

Manual Integrations
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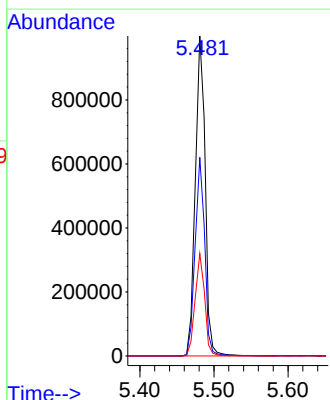
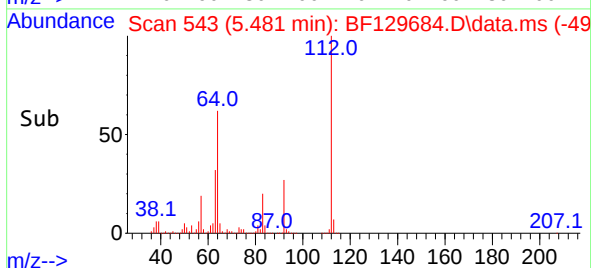
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

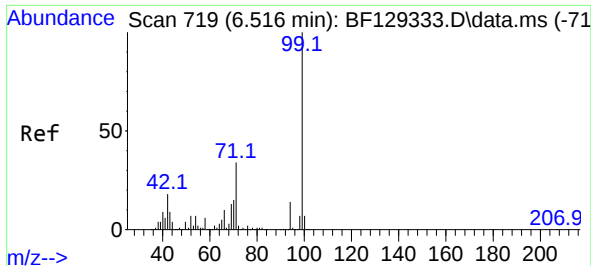


#5
2-Fluorophenol
Concen: 91.745 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05



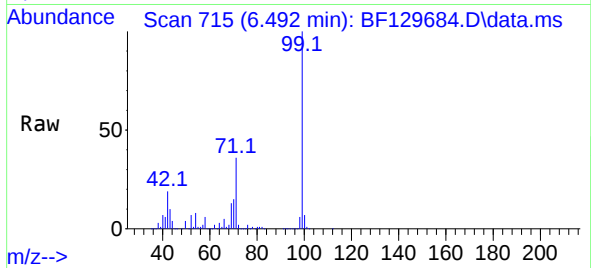
Tgt Ion:112 Resp: 925631
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.0 28.0 42.0





#7
Phenol-d6
Concen: 92.242 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

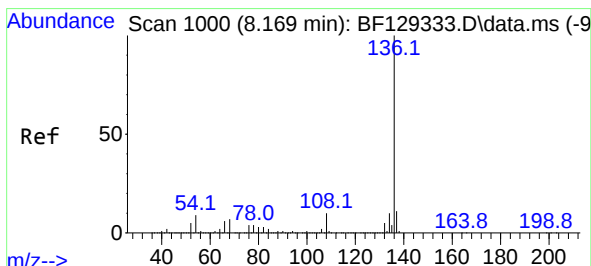
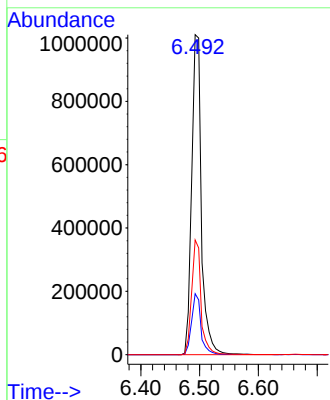
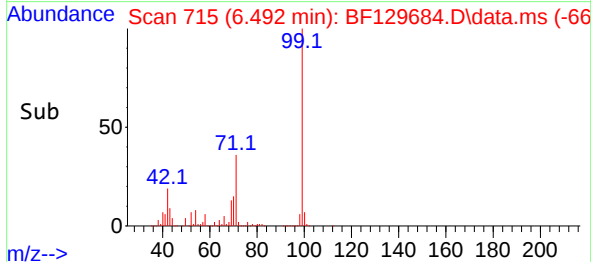
Instrument :
BNA_F
ClientSampleId :
RVE-199D



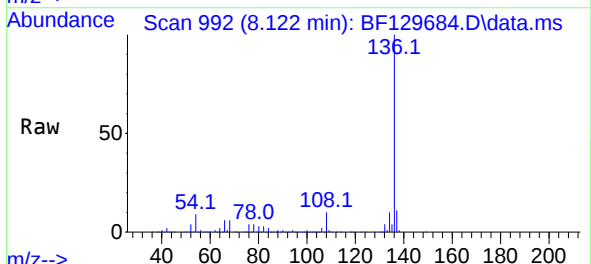
Tgt Ion: 99 Resp: 1169769
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.9 28.9 43.3

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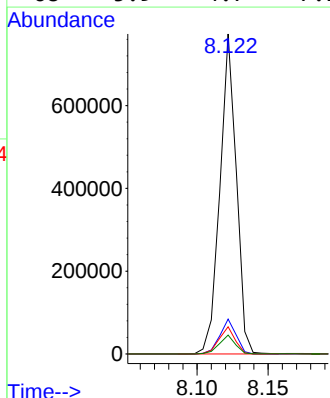
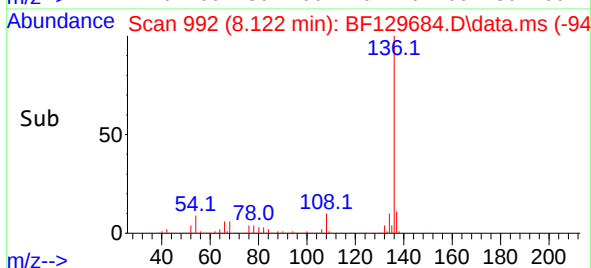
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

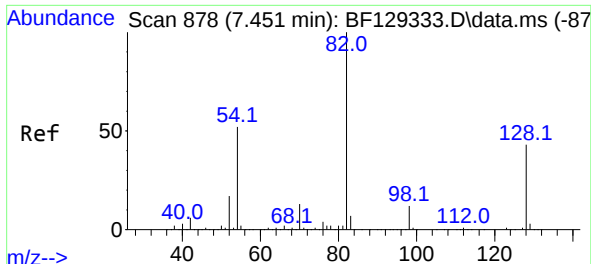


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05



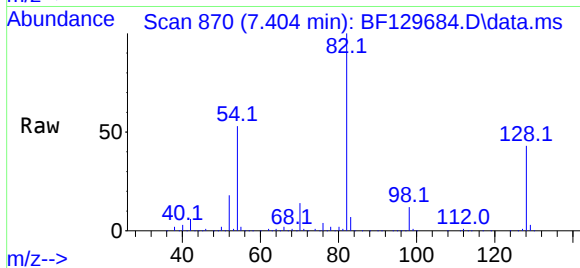
Tgt Ion:136 Resp: 619655
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 63.992 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

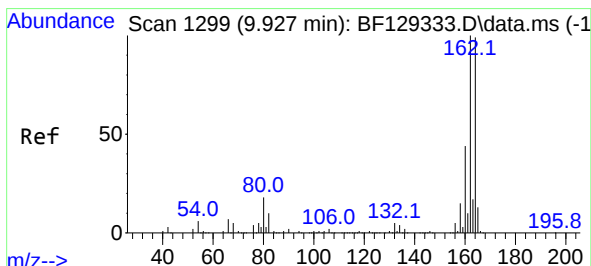
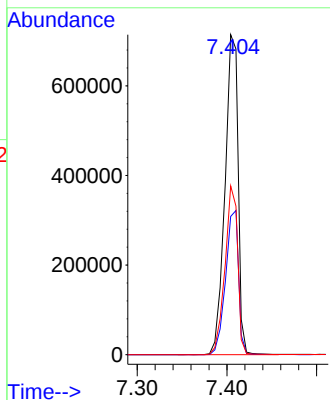
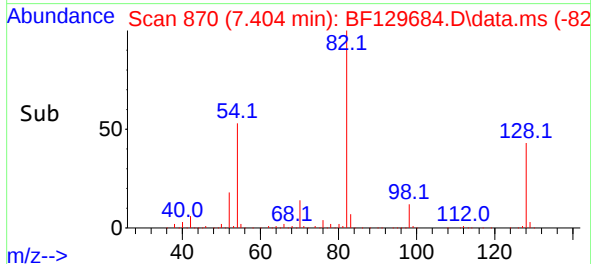
Instrument :
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ClientSampleId :
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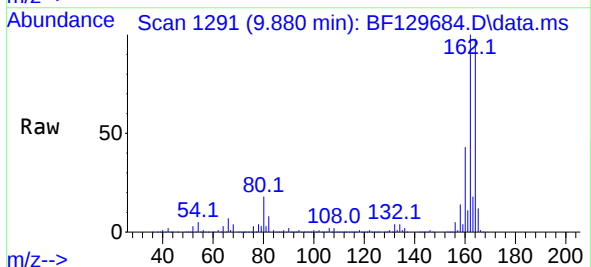
Tgt Ion: 82 Resp: 726402
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 52.7 46.9 70.3

Manual Integrations
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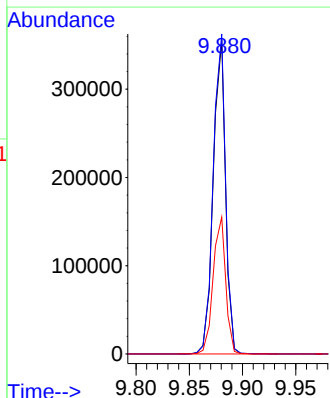
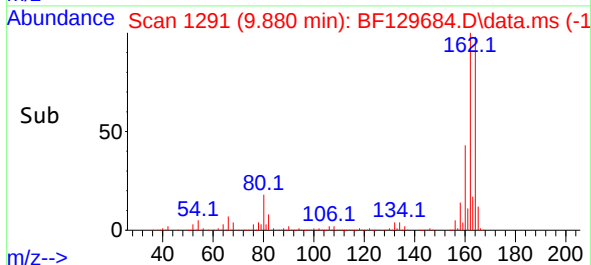
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

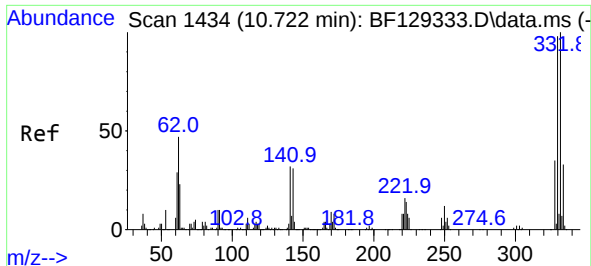


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05



Tgt Ion:164 Resp: 285846
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 43.6 34.2 51.4





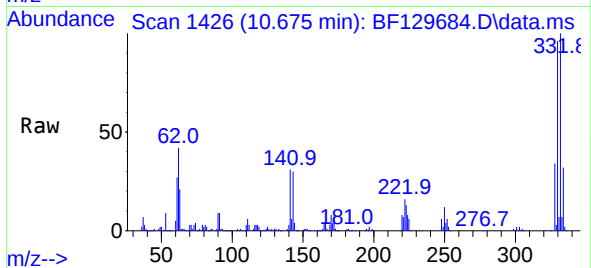
#42
2,4,6-Tribromophenol
Concen: 87.674 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-199D

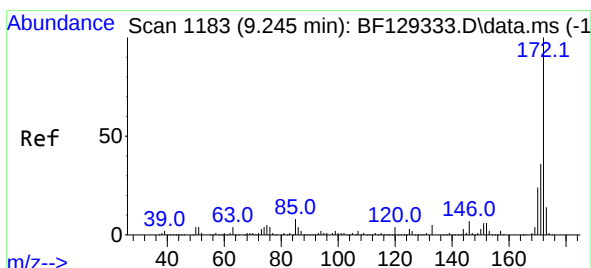
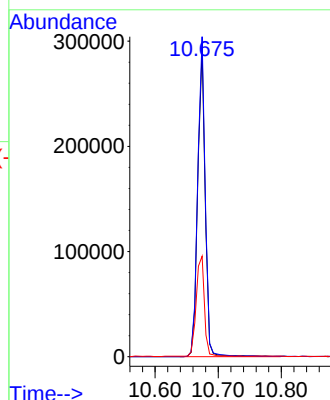


Tgt Ion:330 Resp: 240940
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 35.5 28.0 42.0

Manual Integrations

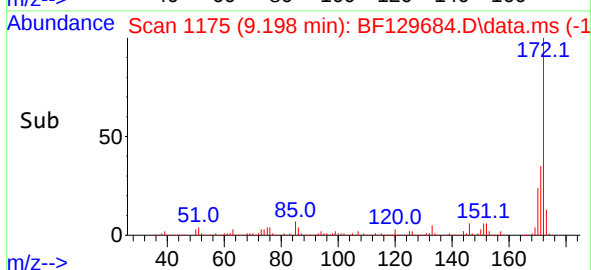
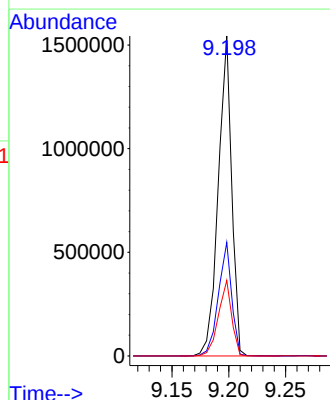
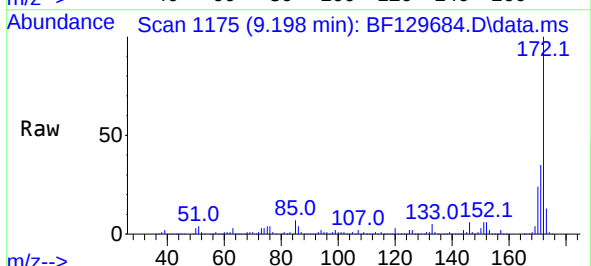
APPROVED

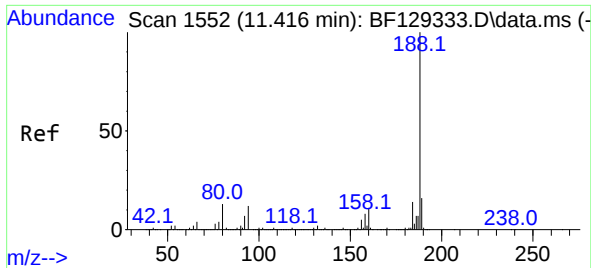
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 68.858 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:172 Resp: 1272357
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8





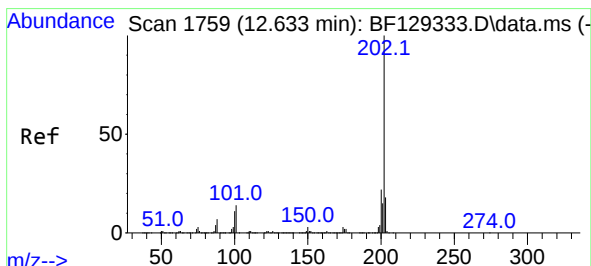
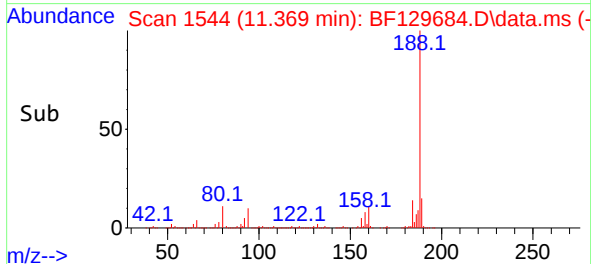
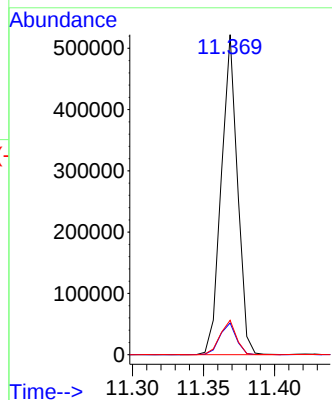
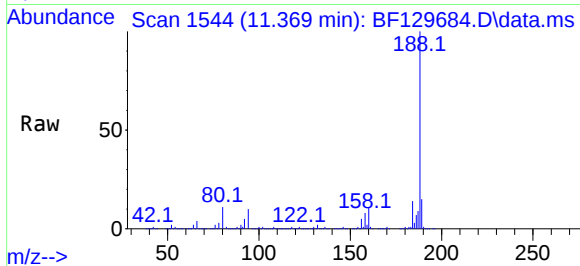
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Tgt Ion:188 Resp: 413420
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.8 7.6 11.4

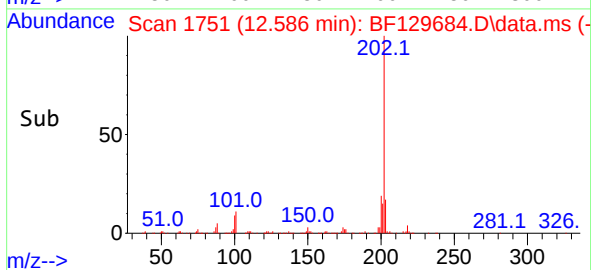
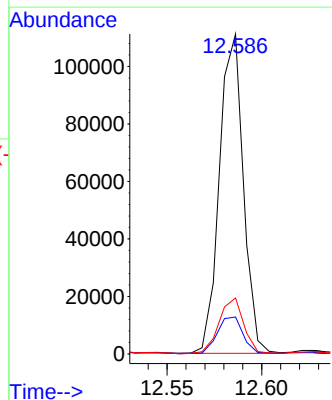
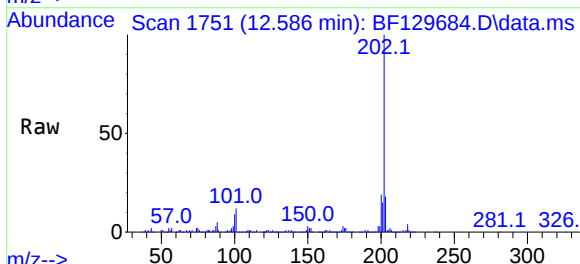
Manual Integrations
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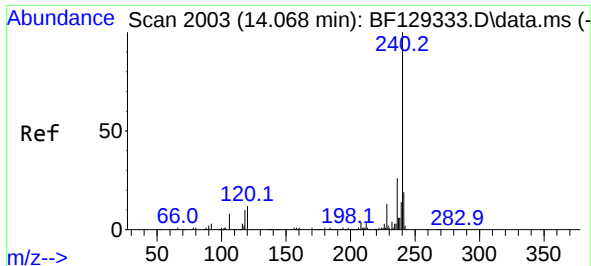
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#75
Fluoranthene
Concen: 4.276 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:202 Resp: 97777
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.5 0.0 38.0





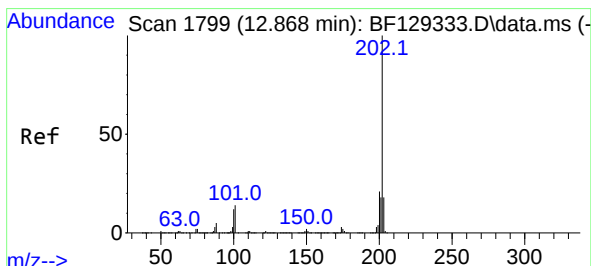
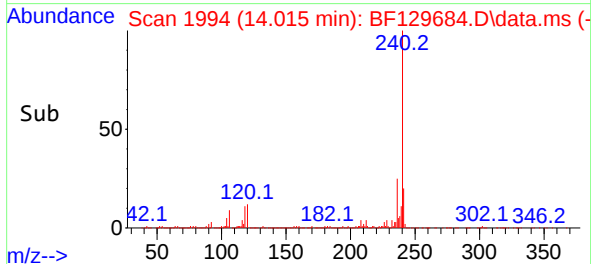
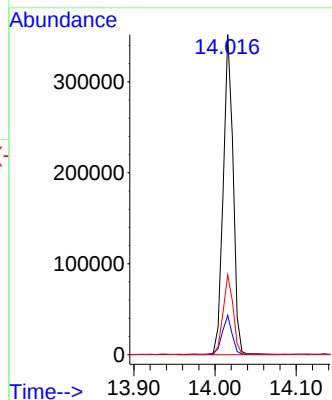
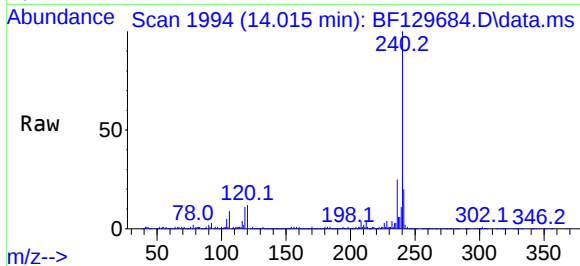
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Tgt Ion:240 Resp: 29924
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.0 20.8 31.2

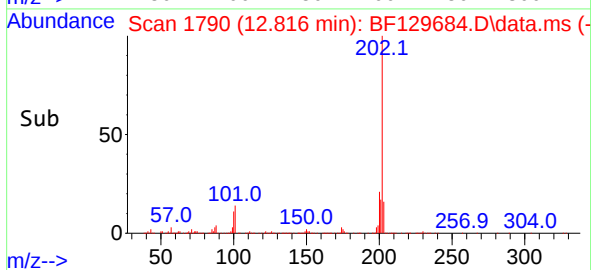
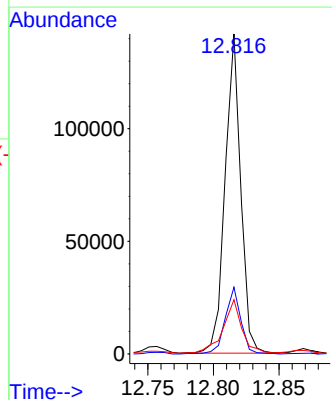
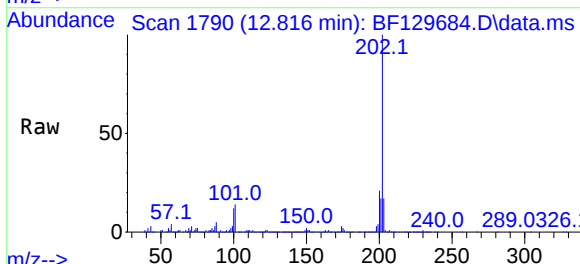
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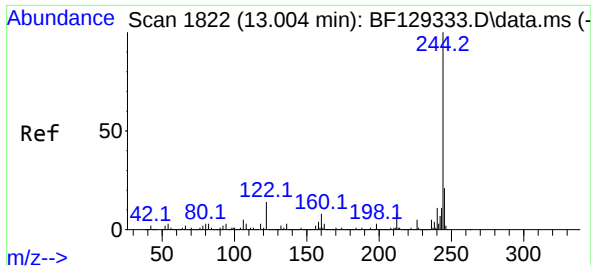
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#78
Pyrene
Concen: 4.689 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:202 Resp: 117330
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 66.516 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129684.D
 Acq: 10 Aug 2022 01:05

Instrument :

BNA_F

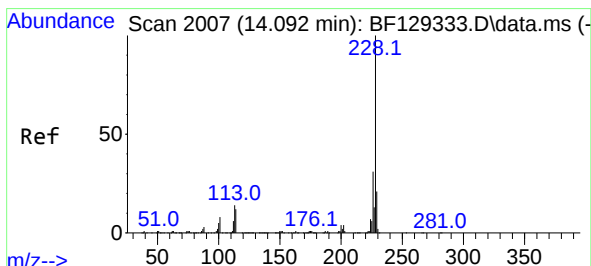
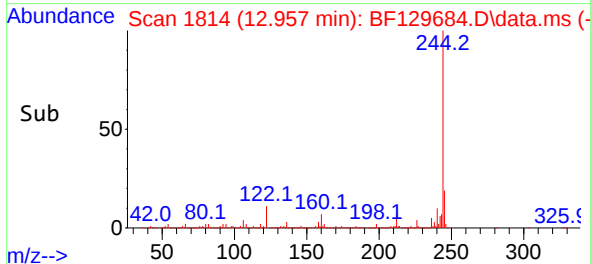
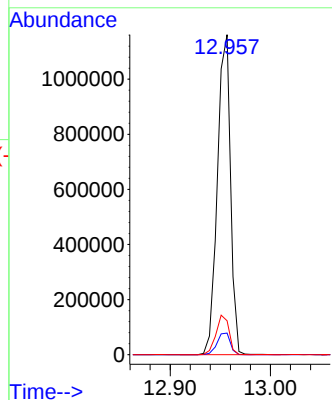
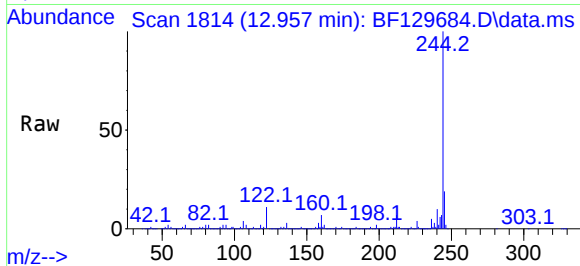
ClientSampleId :

RVE-199D

Tgt Ion:244 Resp: 105505
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.6 8.8 13.2

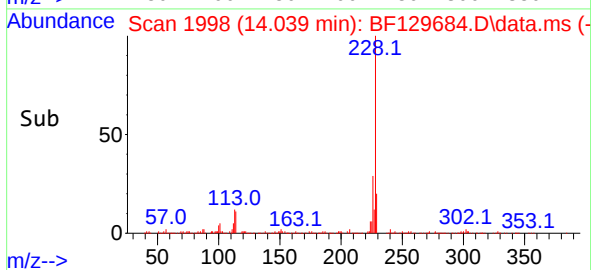
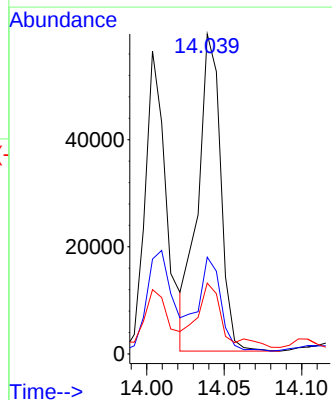
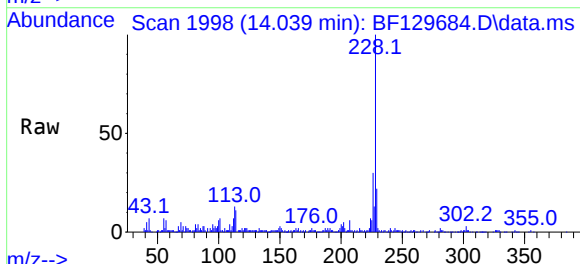
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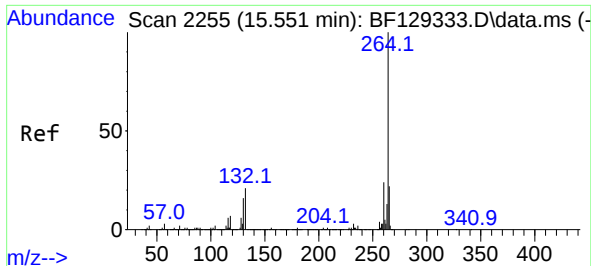
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022



#83
 Chrysene
 Concen: 3.156 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.018 min
 Lab File: BF129684.D
 Acq: 10 Aug 2022 01:05

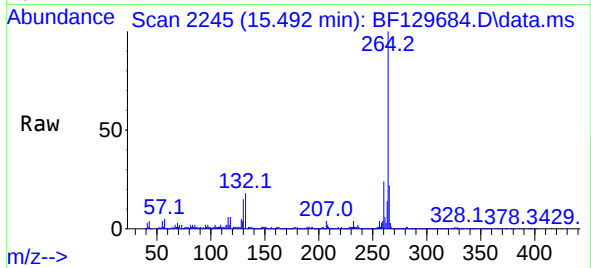
Tgt Ion:228 Resp: 60792
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 22.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

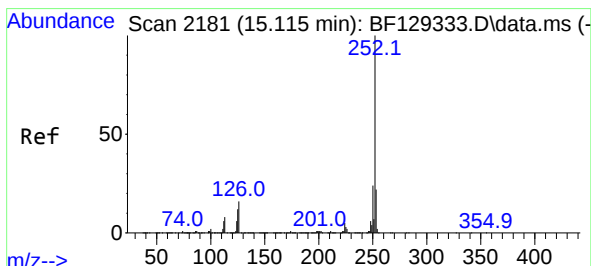
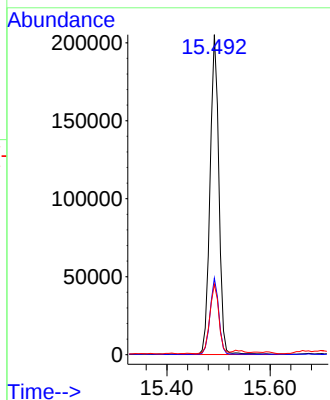
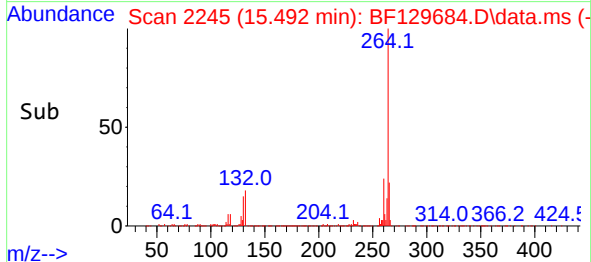
Instrument :
BNA_F
ClientSampleId :
RVE-199D



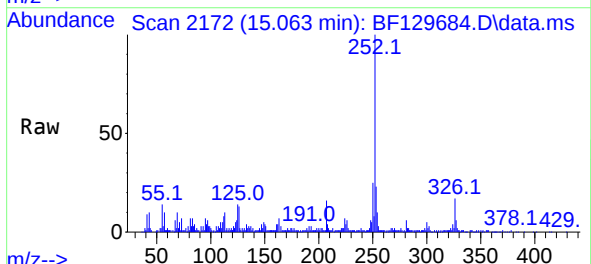
Tgt Ion:264 Resp: 24259
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8

Manual Integrations
APPROVED

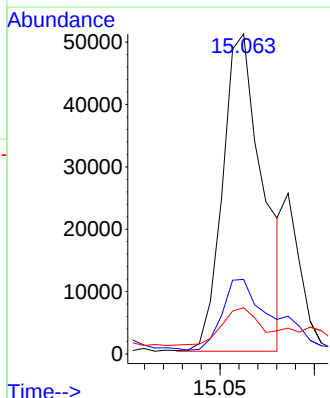
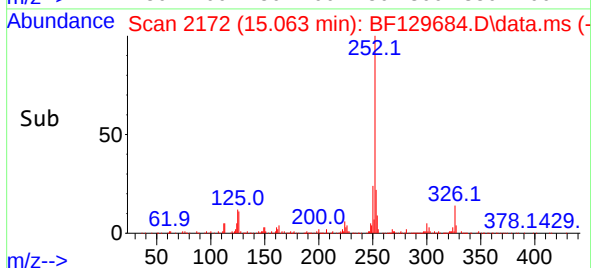
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

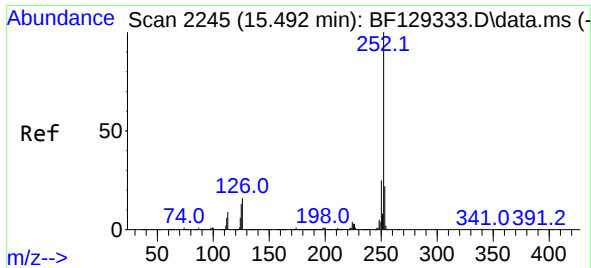


#88
Benzo(b)fluoranthene
Concen: 4.654 ng m
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05



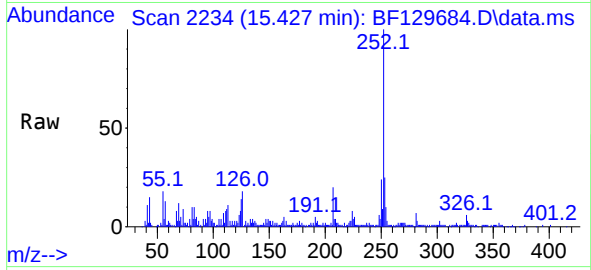
Tgt Ion:252 Resp: 74891
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 14.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.676 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D



Tgt Ion:252 Resp: 48015
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.6
125 13.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

