

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129121.D
 Acq On : 05 Jul 2022 13:44
 Operator : CG\JU
 Sample : N3572-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200033

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/06/2022
 Supervised By : Jagrut Upadhyay 07/06/2022

Quant Time: Jul 05 16:38:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	269843	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	969218	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	458968	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	723410	20.000	ng	0.00
76) Chrysene-d12	14.139	240	694334	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	788013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1721403	107.850	ng	0.00
7) Phenol-d6	6.575	99	2072721	104.561	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1310033	80.620	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	519940	104.184	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2374510	82.766	ng	0.00
79) Terphenyl-d14	13.080	244	2401643	71.829	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.857	152	82299	2.126	ng	97
71) Phenanthrene	11.516	178	318640	9.219	ng	97
72) Anthracene	11.563	178	70092	2.057	ng	99
75) Fluoranthene	12.710	202	928954	25.699	ng	99
78) Pyrene	12.939	202	828749	17.220	ng	97
81) Benzo(a)anthracene	14.127	228	561287	13.240	ng	96
83) Chrysene	14.169	228	590386	15.001	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	929837	35.684	ng	97
87) Indeno(1,2,3-cd)pyrene	17.215	276	395977	8.193	ng	96
88) Benzo(b)fluoranthene	15.216	252	1020748m	21.539	ng	
89) Benzo(k)fluoranthene	15.239	252	286368m	6.230	ng	
90) Benzo(a)pyrene	15.598	252	612739	15.860	ng	96
91) Dibenzo(a,h)anthracene	17.233	278	100163	2.542	ng	97
92) Benzo(g,h,i)perylene	17.692	276	330485	8.361	ng	98

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

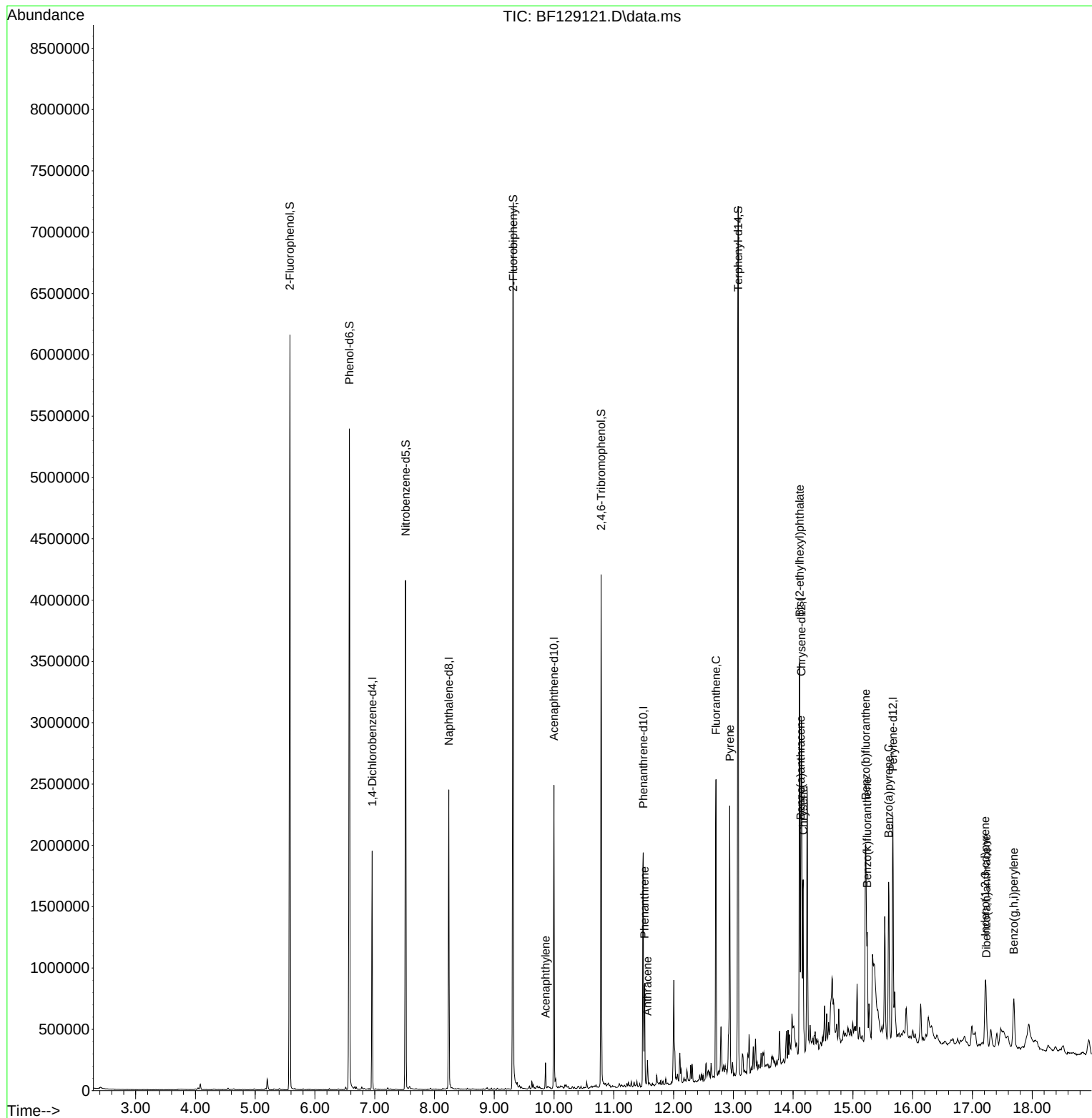
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129121.D
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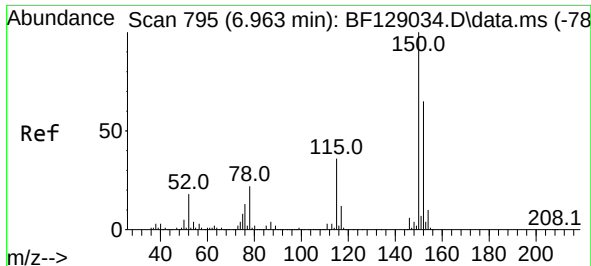
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Quant Time: Jul 05 16:38:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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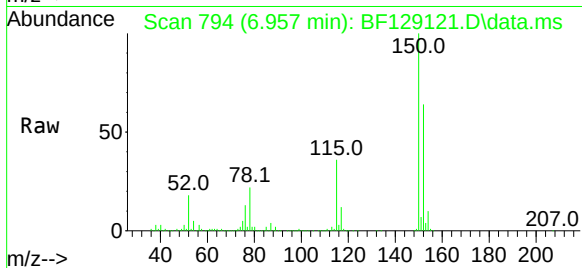
Reviewed By : Christian Giraldo 07/06/2022
Supervised By : Jagrut Upadhyay 07/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

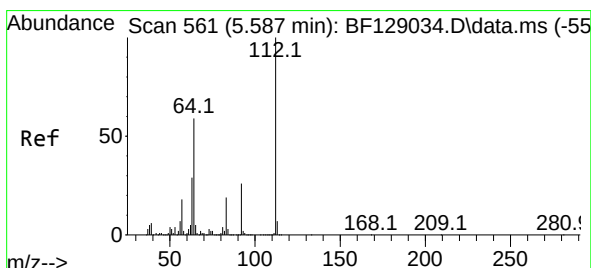
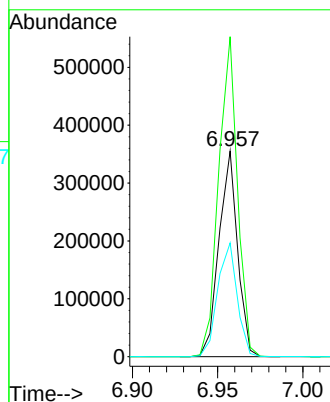
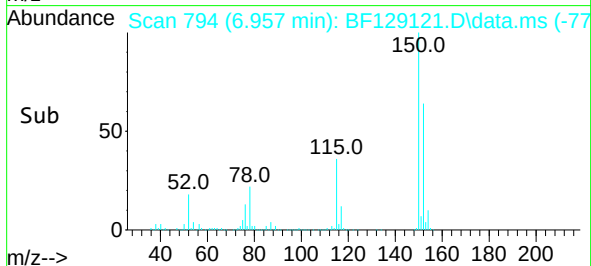
Instrument :
BNA_F
ClientSampleId :
RBR-200033



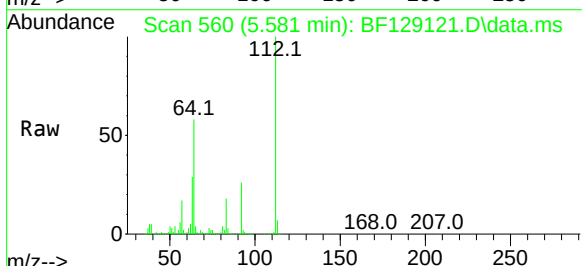
Tgt Ion:152 Resp: 26984
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 55.3 49.9 74.9

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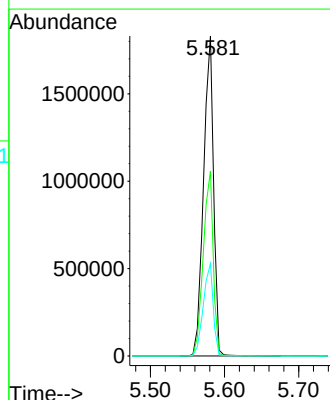
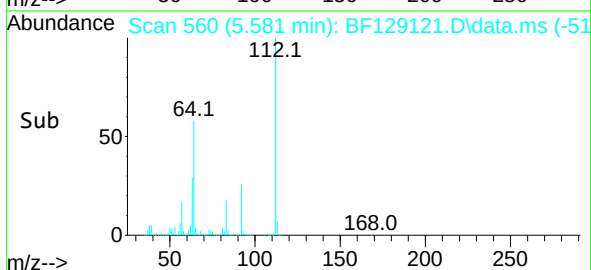
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

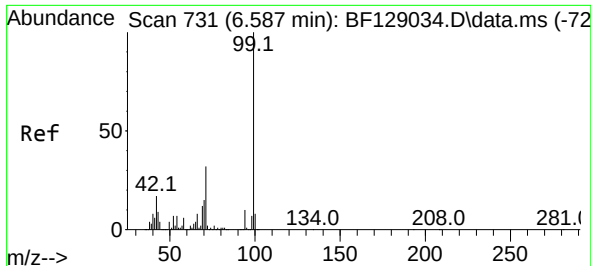


#5
2-Fluorophenol
Concen: 107.850 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



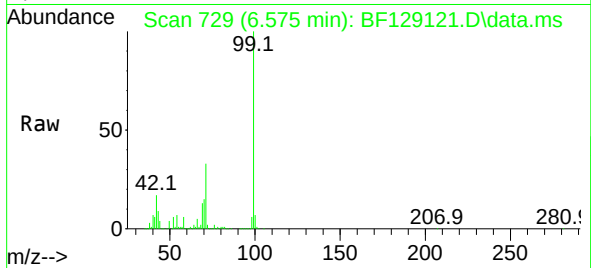
Tgt Ion:112 Resp: 1721403
Ion Ratio Lower Upper
112 100
64 57.8 53.3 79.9
63 28.9 28.0 42.0





#7
Phenol-d6
Concen: 104.561 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

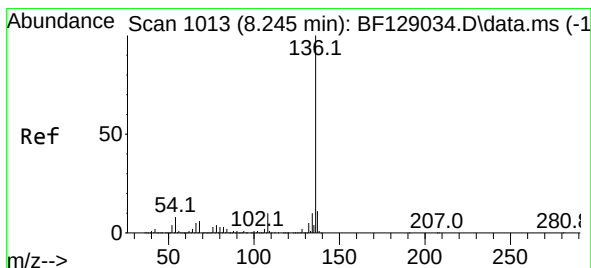
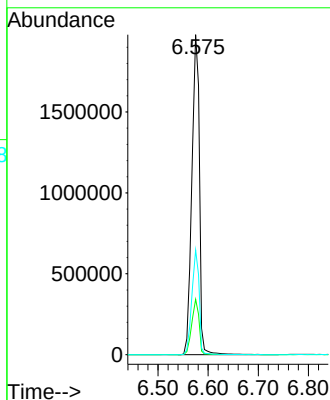
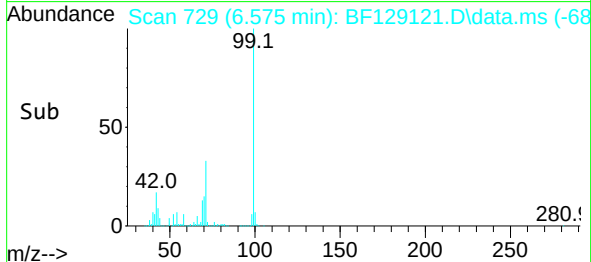
Instrument :
BNA_F
ClientSampleId :
RBR-200033



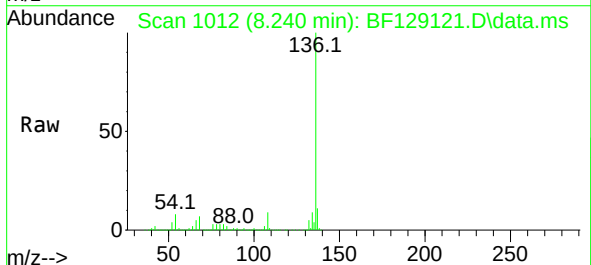
Tgt Ion: 99 Resp: 207272
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 32.7 28.9 43.3

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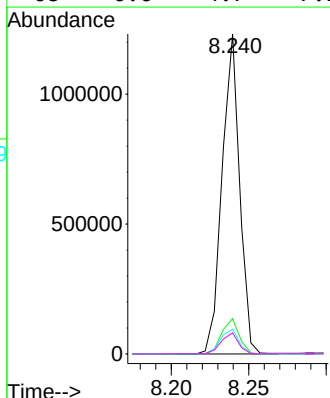
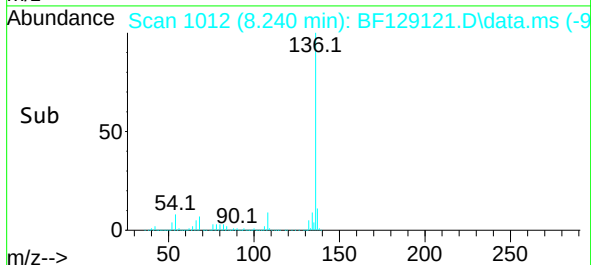
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

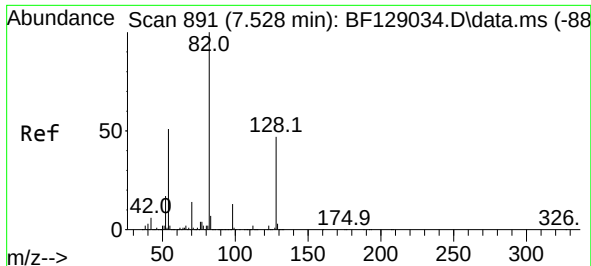


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



Tgt Ion:136 Resp: 969218
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 7.5 11.3
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 80.620 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

Instrument :

BNA_F

ClientSampleId :

RBR-200033

Tgt Ion: 82 Resp: 131003

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

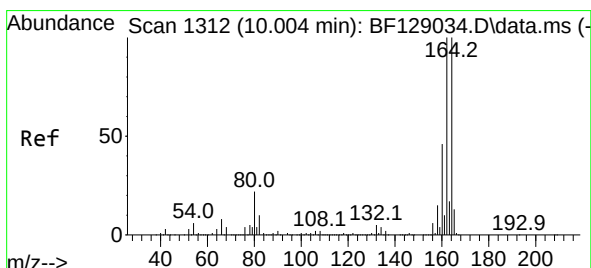
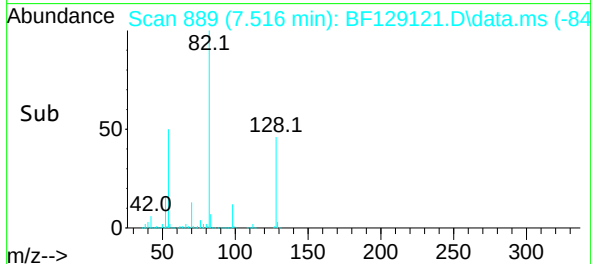
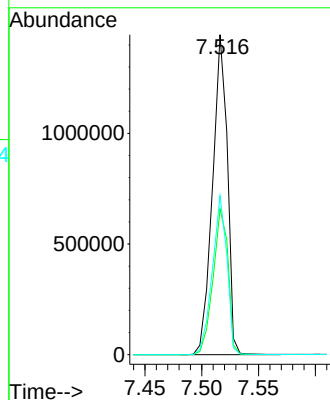
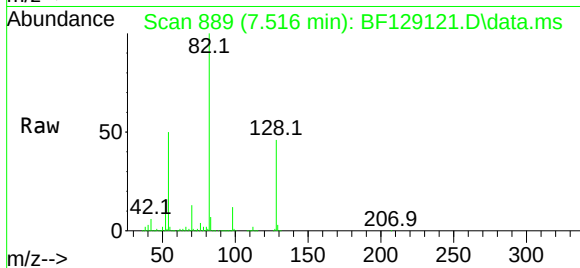
54 49.7 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

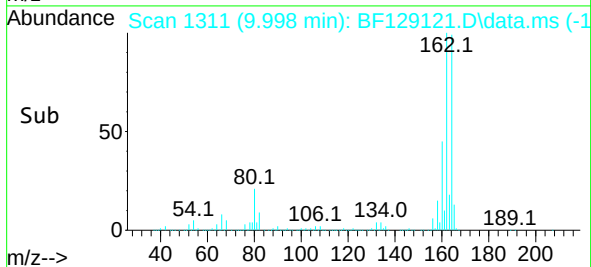
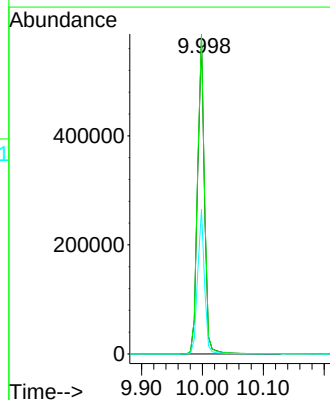
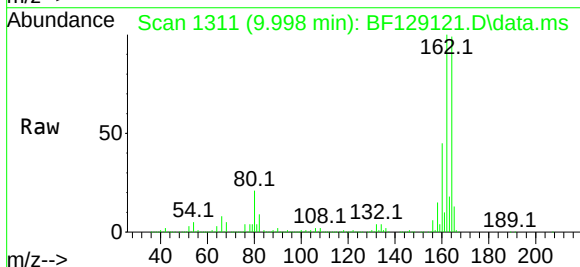
Tgt Ion:164 Resp: 458968

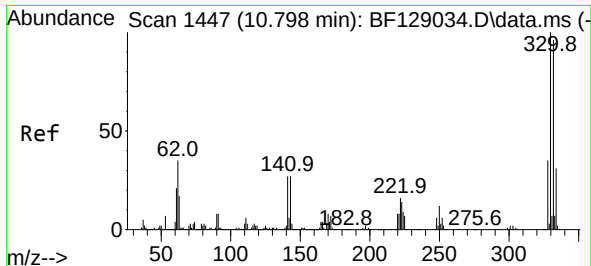
Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

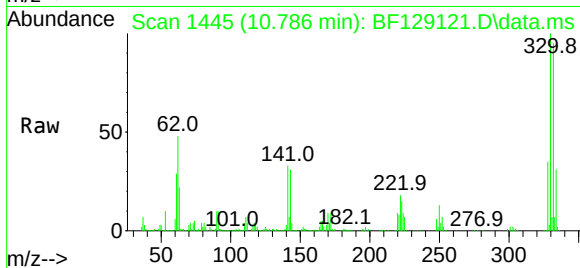
160 45.5 34.2 51.4





#42
 2,4,6-Tribromophenol
 Concen: 104.184 ng
 RT: 10.786 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF129121.D
 Acq: 05 Jul 2022 13:44

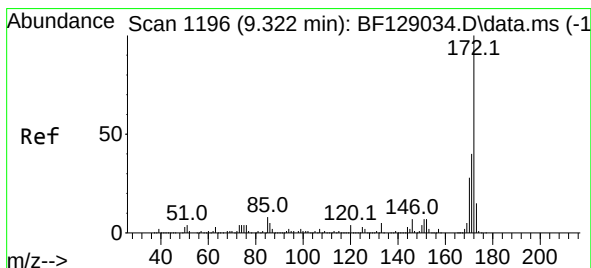
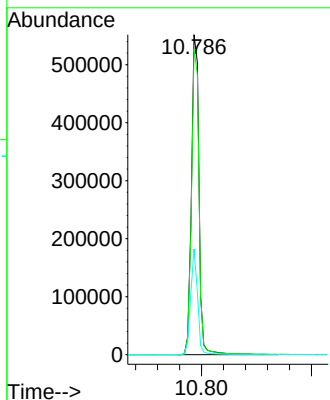
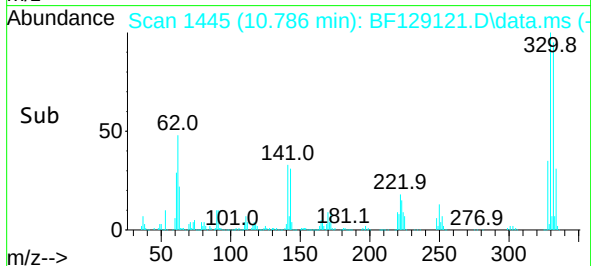
Instrument :
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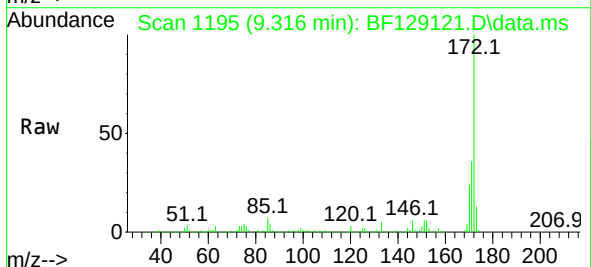
Tgt Ion:330 Resp: 519940
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 30.4 28.0 42.0

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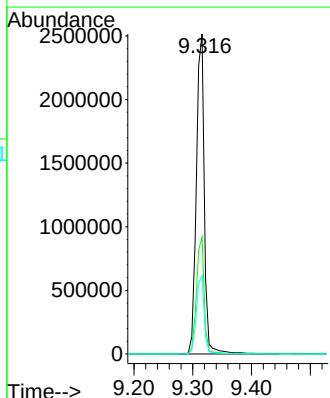
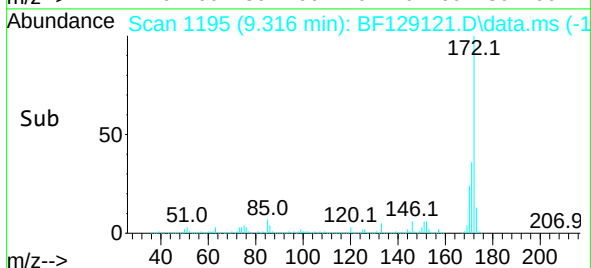
Reviewed By :Christian Giraldo 07/06/2022
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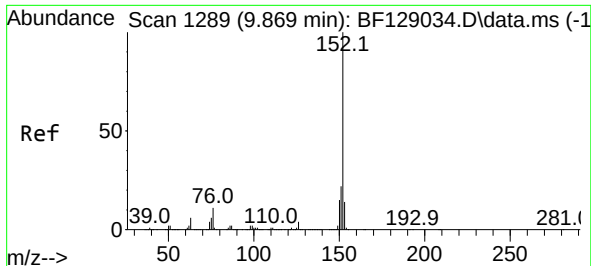


#45
 2-Fluorobiphenyl
 Concen: 82.766 ng
 RT: 9.316 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF129121.D
 Acq: 05 Jul 2022 13:44



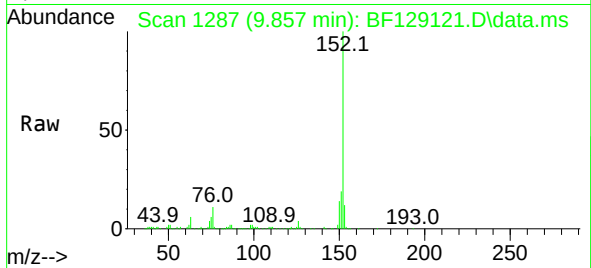
Tgt Ion:172 Resp: 2374510
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.8 43.2
 170 24.4 19.8 29.8





#49
Acenaphthylene
Concen: 2.126 ng
RT: 9.857 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

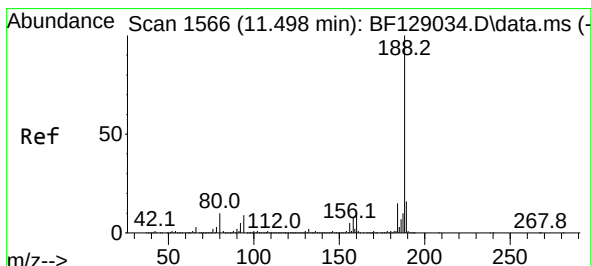
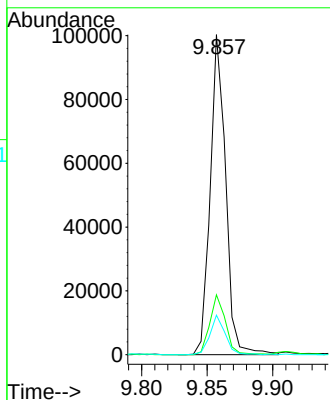
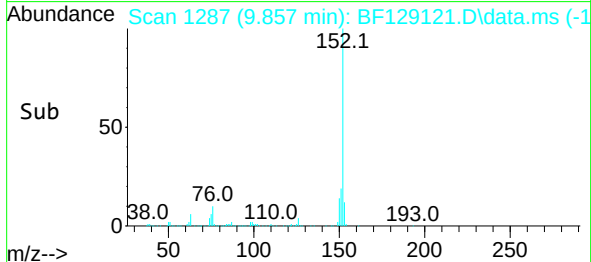
Instrument :
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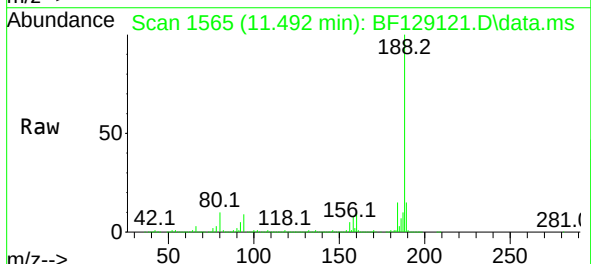
Tgt Ion:152 Resp: 82299
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.4
153 12.3 10.7 16.1

Manual Integrations
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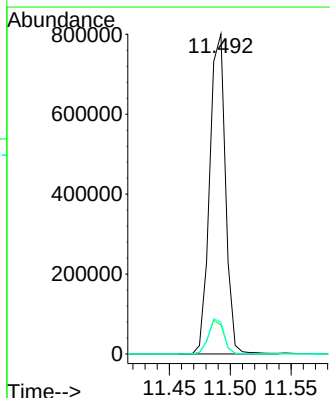
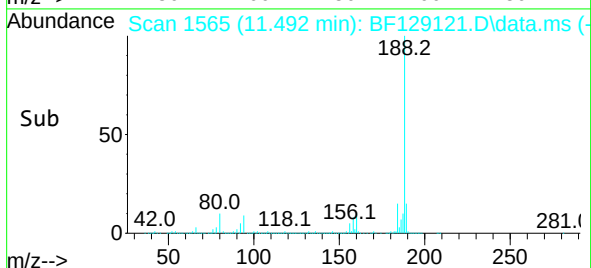
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

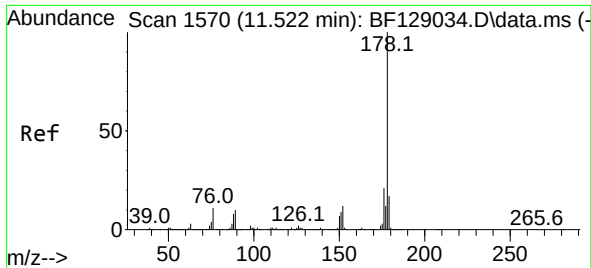


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



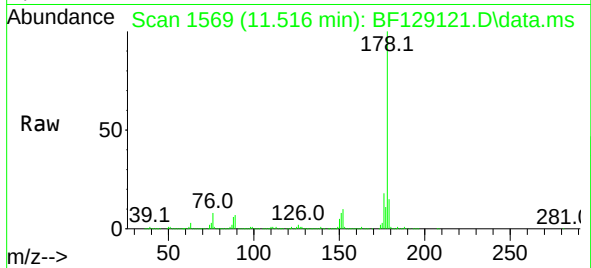
Tgt Ion:188 Resp: 723410
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.9 7.6 11.4





#71
Phenanthrene
Concen: 9.219 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

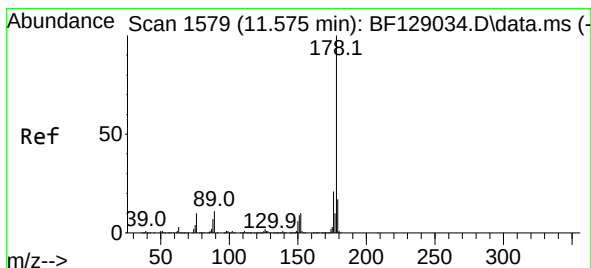
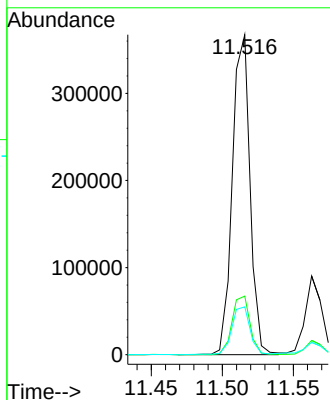
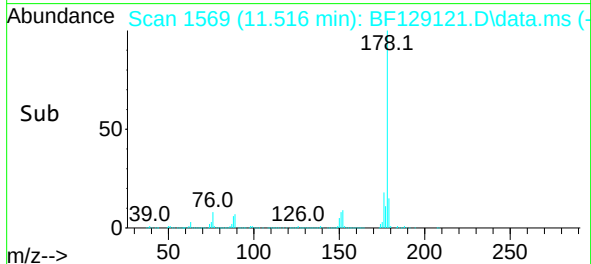
Instrument :
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RBR-200033



Tgt Ion:178 Resp: 318640
Ion Ratio Lower Upper
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176 18.3 16.0 24.0
179 14.9 12.6 19.0

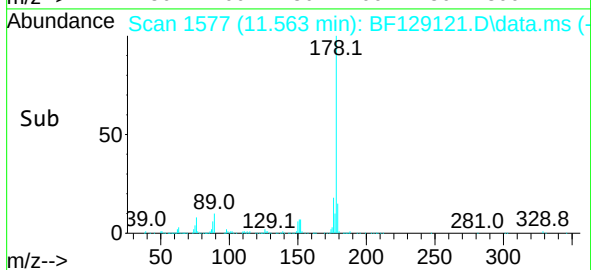
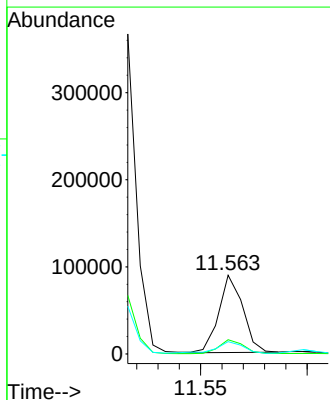
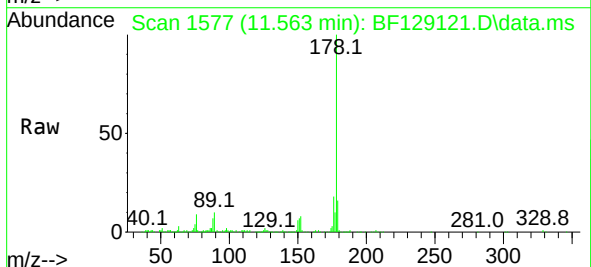
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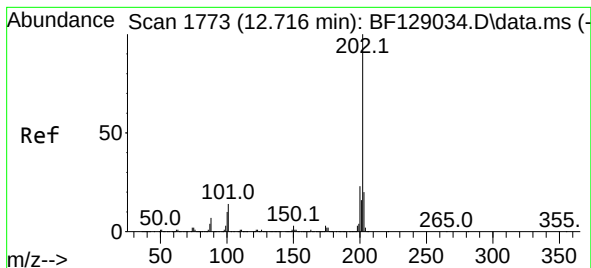
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#72
Anthracene
Concen: 2.057 ng
RT: 11.563 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

Tgt Ion:178 Resp: 70092
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.7 12.6 19.0





#75

Fluoranthene

Concen: 25.699 ng

RT: 12.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

Instrument :

BNA_F

ClientSampleId :

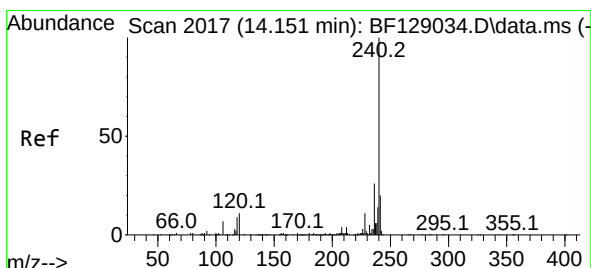
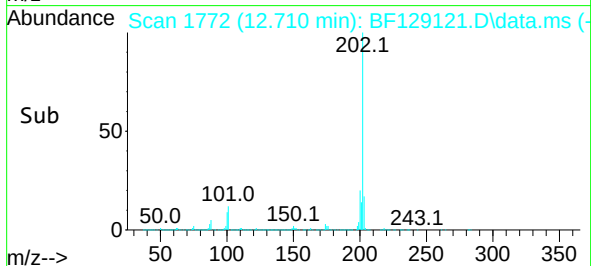
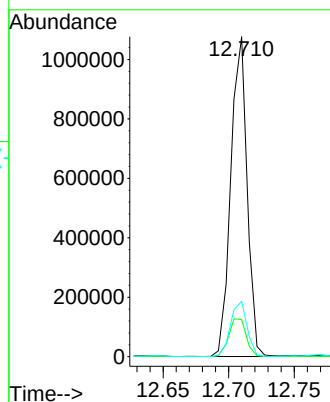
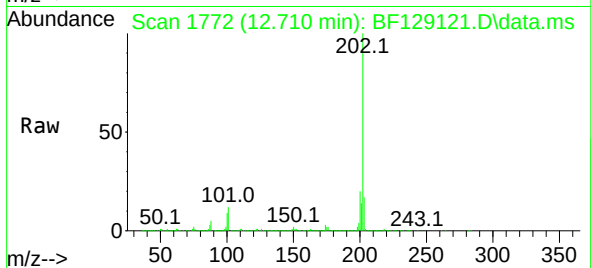
RBR-200033

Tgt Ion:202 Resp: 928954
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.4
 203 17.3 0.0 38.0

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

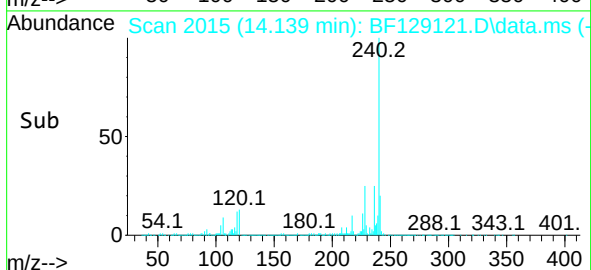
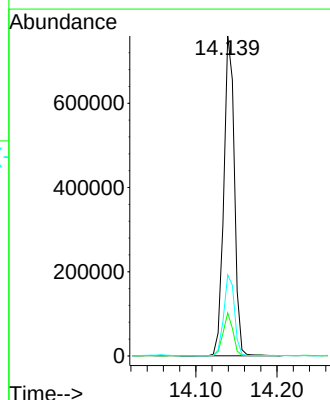
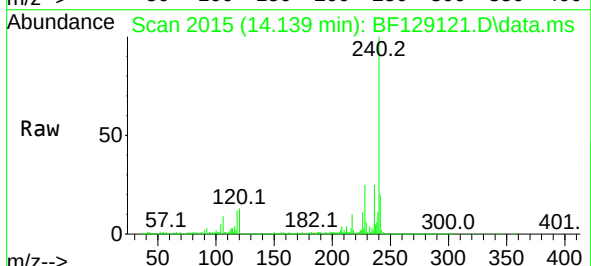
RT: 14.139 min Scan# 2015

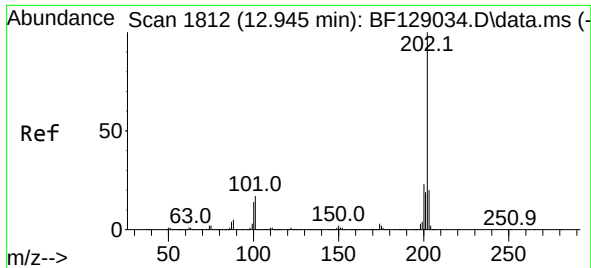
Delta R.T. -0.012 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

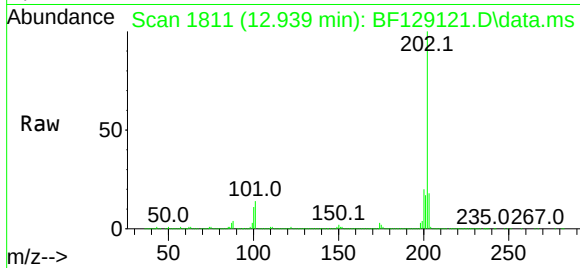
Tgt Ion:240 Resp: 694334
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.9 13.3#
 236 25.4 20.8 31.2





#78
Pyrene
Concen: 17.220 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

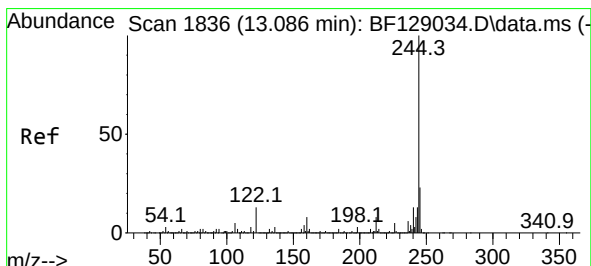
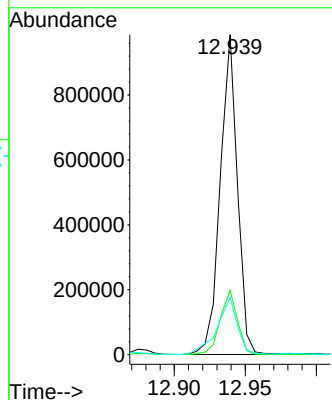
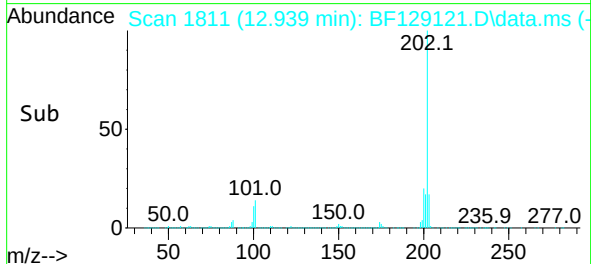
Instrument :
BNA_F
ClientSampleId :
RBR-200033



Tgt Ion:202 Resp: 828749
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.8 14.6 21.8

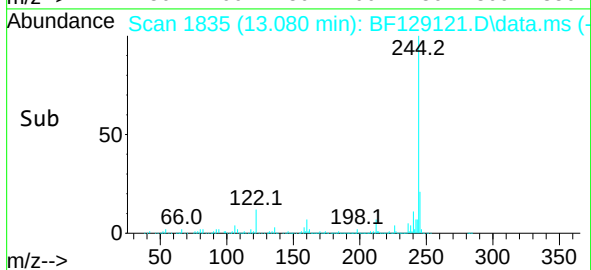
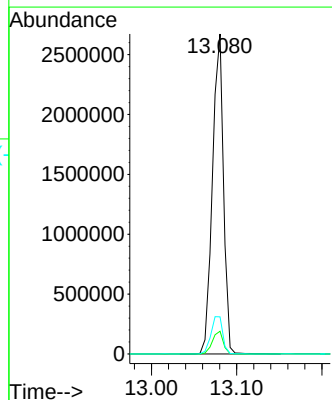
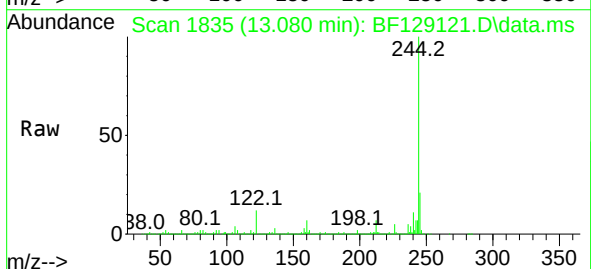
Manual Integrations
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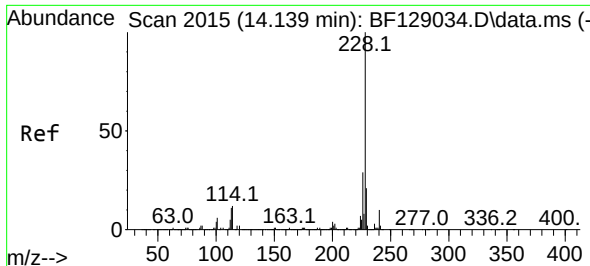
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#79
Terphenyl-d14
Concen: 71.829 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

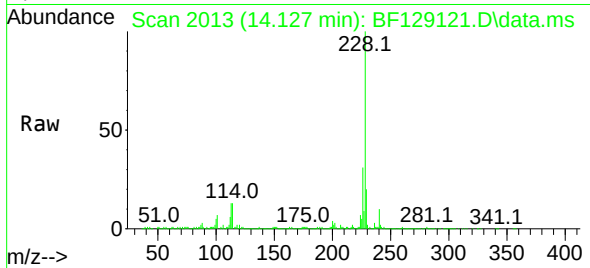
Tgt Ion:244 Resp: 2401643
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.6 8.8 13.2





#81
Benzo(a)anthracene
Concen: 13.240 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

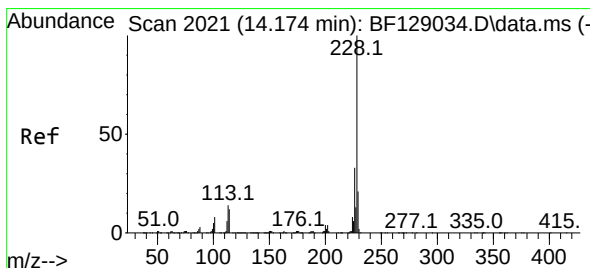
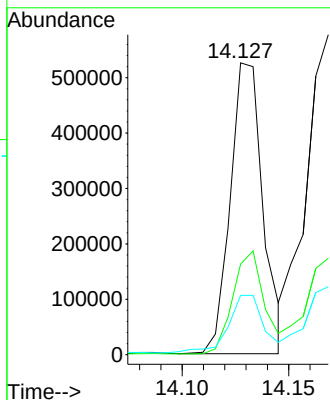
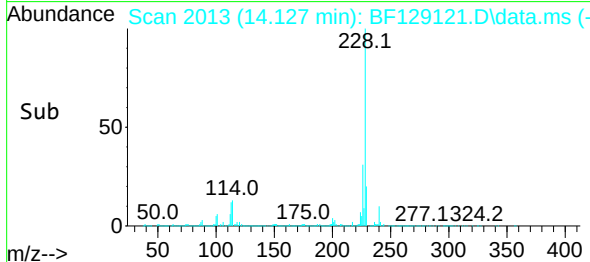
Instrument :
BNA_F
ClientSampleId :
RBR-200033



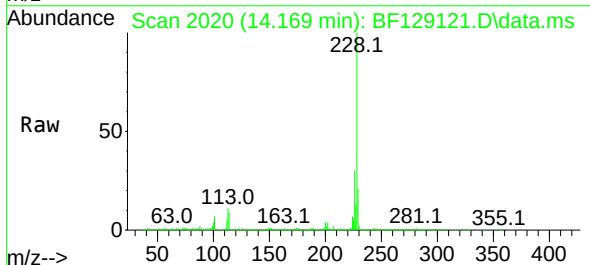
Tgt Ion:228 Resp: 56128
Ion Ratio Lower Upper
228 100
226 31.1 22.1 33.1
229 20.3 15.8 23.8

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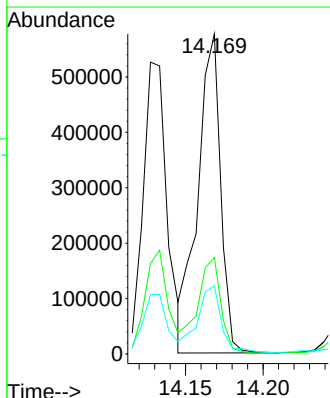
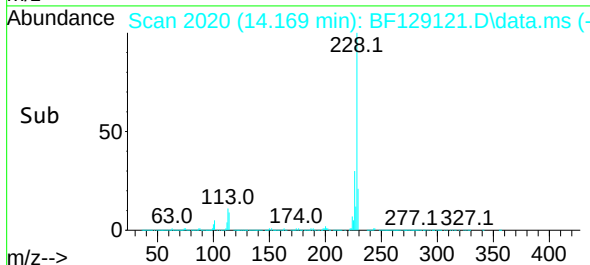
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

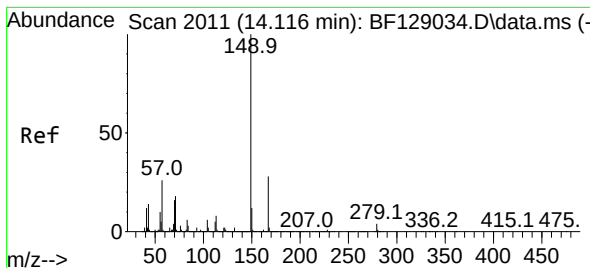


#83
Chrysene
Concen: 15.001 ng
RT: 14.169 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



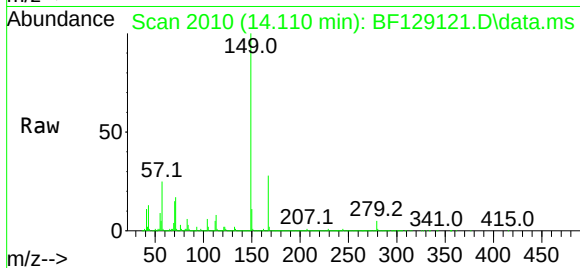
Tgt Ion:228 Resp: 590386
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.3 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 35.684 ng
RT: 14.110 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

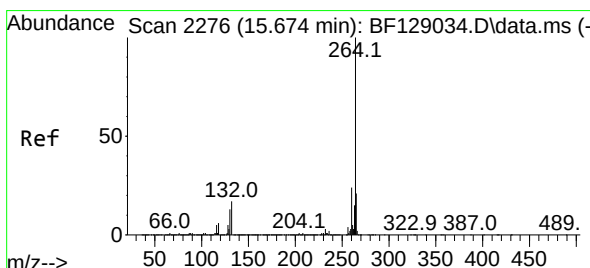
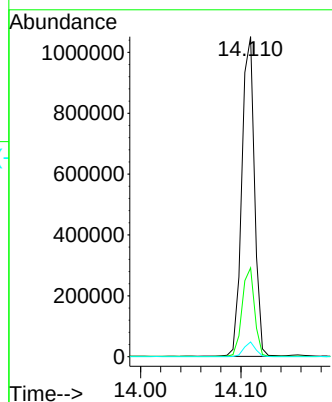
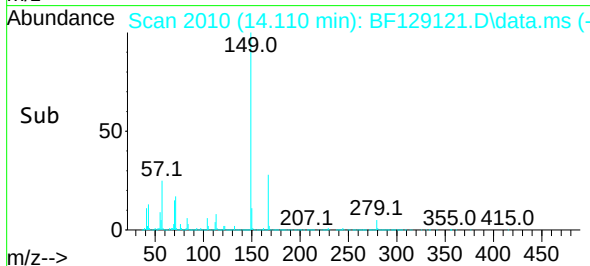
Instrument :
BNA_F
ClientSampleId :
RBR-200033



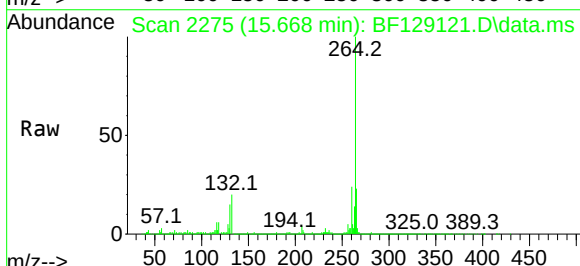
Tgt Ion:149 Resp: 92983
Ion Ratio Lower Upper
149 100
167 27.8 21.0 31.4
279 4.6 3.1 4.7

Manual Integrations
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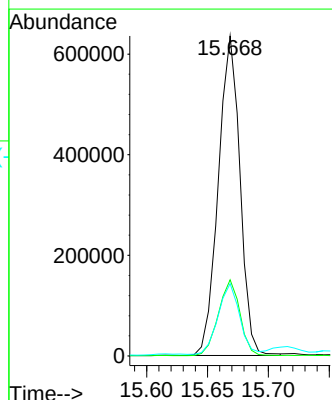
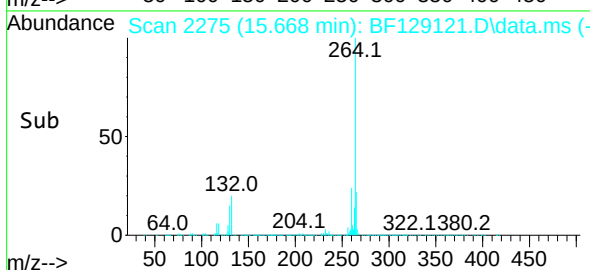
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

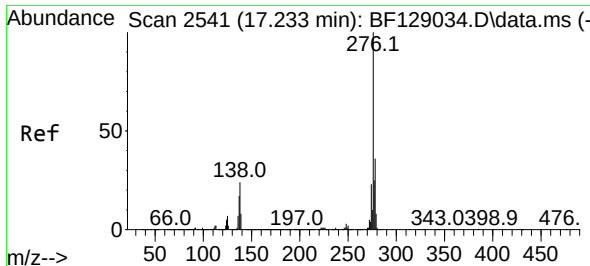


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



Tgt Ion:264 Resp: 788013
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.6 17.2 25.8





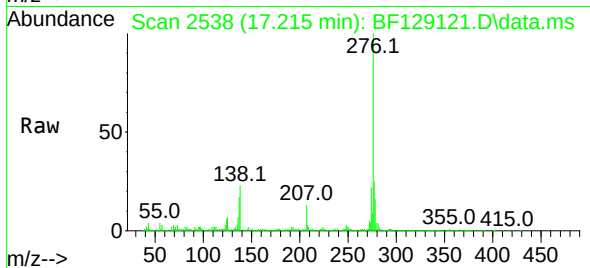
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.193 ng
RT: 17.215 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

Instrument :

BNA_F

ClientSampleId :

RBR-200033

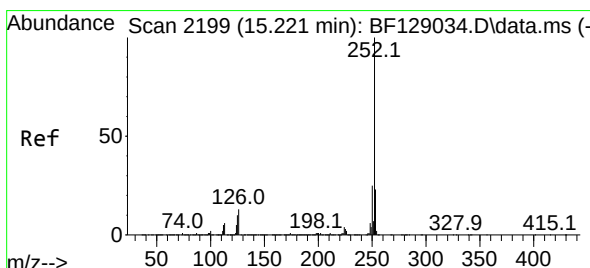
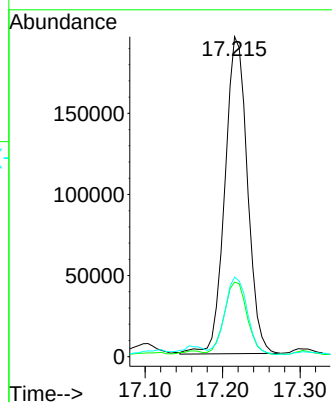
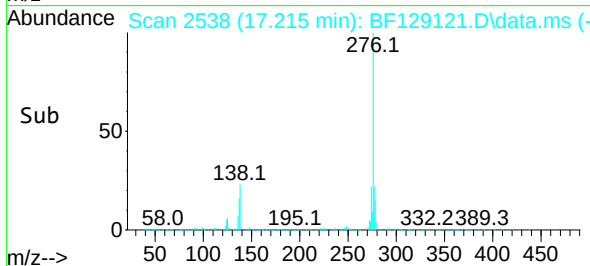


Tgt Ion:276 Resp: 39597
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
277 24.2 20.3 30.5

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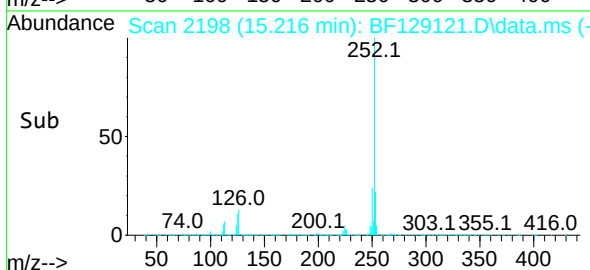
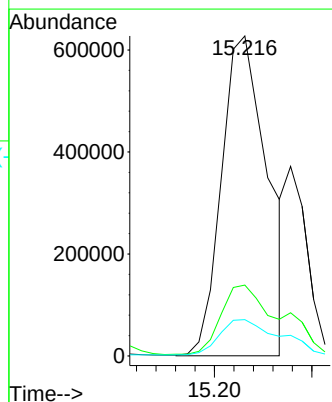
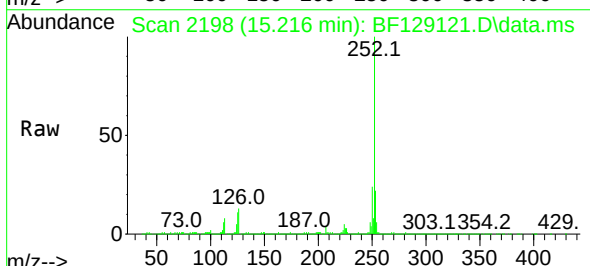
APPROVED

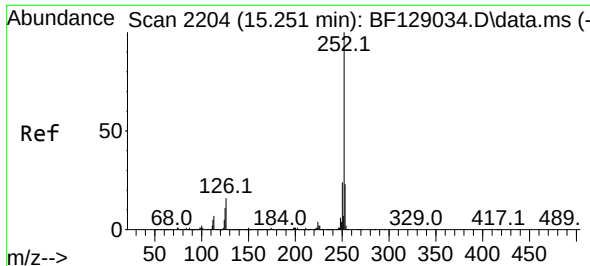
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#88
Benzo(b)fluoranthene
Concen: 21.539 ng m
RT: 15.216 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

Tgt Ion:252 Resp: 1020748
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 8.0 12.0





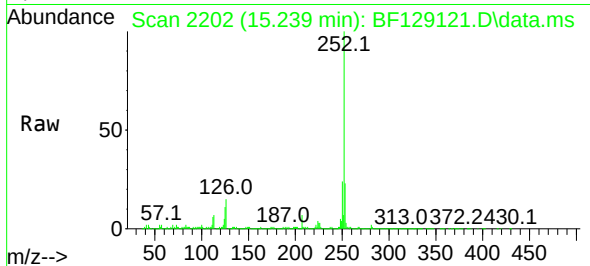
#89
Benzo(k)fluoranthene
Concen: 6.230 ng m
RT: 15.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44

Instrument :

BNA_F

ClientSampleId :

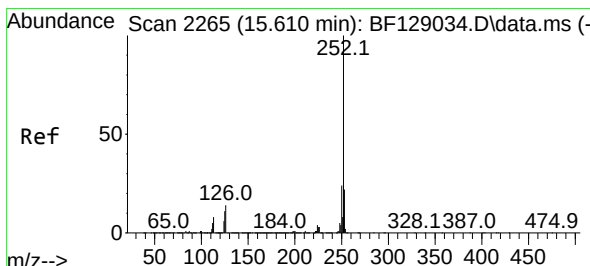
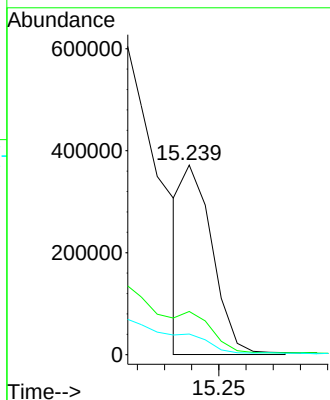
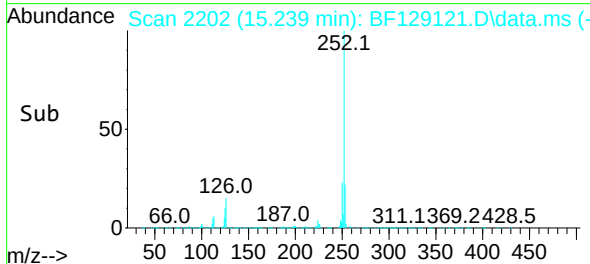
RBR-200033



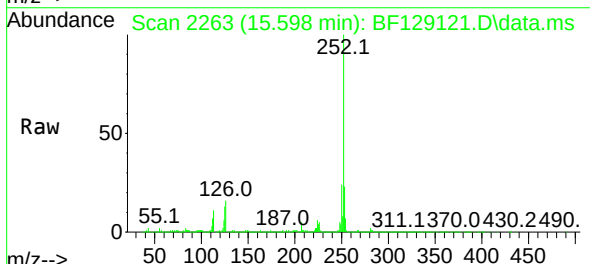
Tgt Ion:252 Resp: 286368
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.9 8.3 12.5

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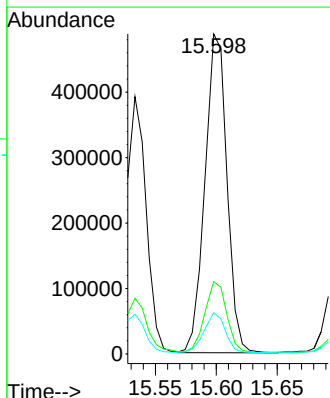
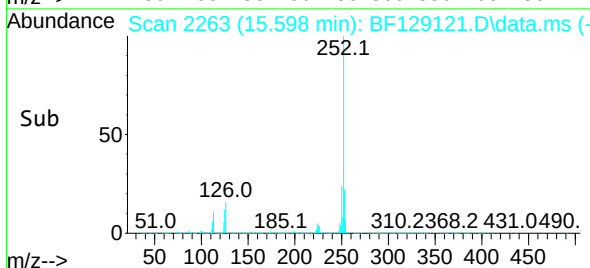
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

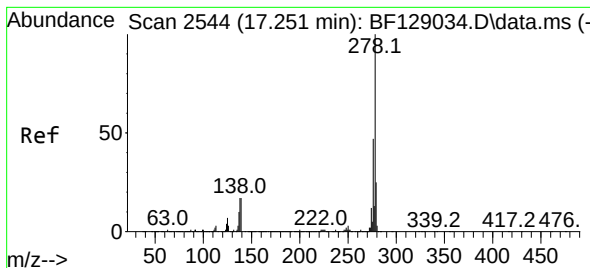


#90
Benzo(a)pyrene
Concen: 15.860 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129121.D
Acq: 05 Jul 2022 13:44



Tgt Ion:252 Resp: 612739
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 2.542 ng

RT: 17.233 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

Instrument :

BNA_F

ClientSampleId :

RBR-200033

Tgt Ion:278 Resp: 10016

Ion Ratio Lower Upper

278 100

139 19.0 12.8 19.2

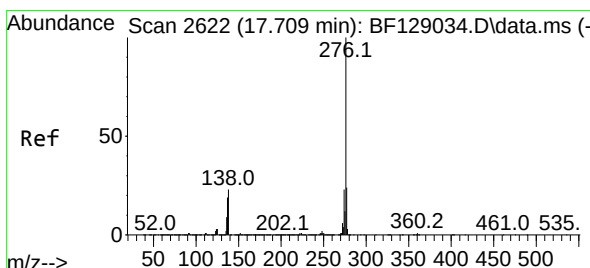
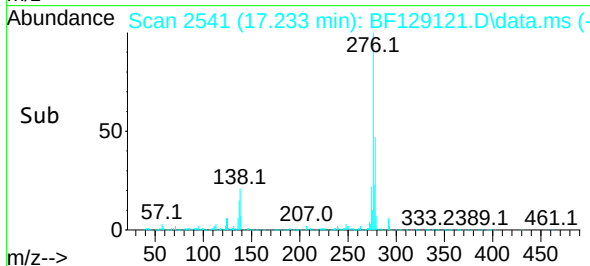
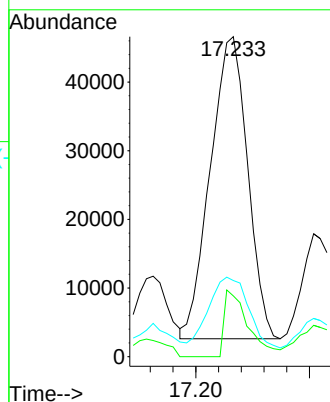
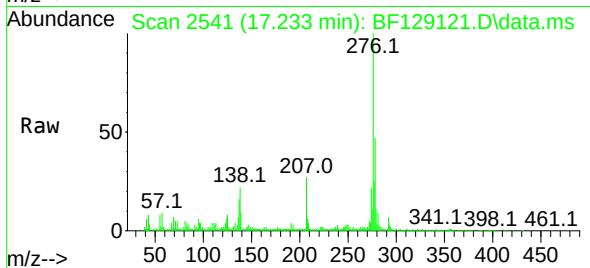
279 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#92

Benzo(g,h,i)perylene

Concen: 8.361 ng

RT: 17.692 min Scan# 2619

Delta R.T. -0.018 min

Lab File: BF129121.D

Acq: 05 Jul 2022 13:44

Tgt Ion:276 Resp: 330485

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 24.2 18.0 27.0

