

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129549.D
 Acq On : 03 Aug 2022 19:58
 Operator : CG\JU
 Sample : N3930-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-110

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 02:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123844	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430507	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	175248	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	240247	20.000	ng	0.00
76) Chrysene-d12	14.039	240	287297	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	302655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	646443	85.031	ng	0.00
7) Phenol-d6	6.510	99	767008	80.266	ng	-0.01
23) Nitrobenzene-d5	7.434	82	480196	60.889	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	119683	71.034	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	728542	64.310	ng	-0.01
79) Terphenyl-d14	12.980	244	602573	39.569	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	92689	7.068	ng	96
75) Fluoranthene	12.610	202	205345	15.454	ng	97
78) Pyrene	12.845	202	194516	8.097	ng	95
81) Benzo(a)anthracene	14.033	228	127166	6.480	ng	100
83) Chrysene	14.069	228	119749	6.474	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	65886	3.233	ng	95
88) Benzo(b)fluoranthene	15.092	252	189132m	9.421	ng	
89) Benzo(k)fluoranthene	15.116	252	48471m	2.464	ng	
90) Benzo(a)pyrene	15.463	252	119934	7.359	ng	97
92) Benzo(g,h,i)perylene	17.480	276	58173	3.432	ng	96

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

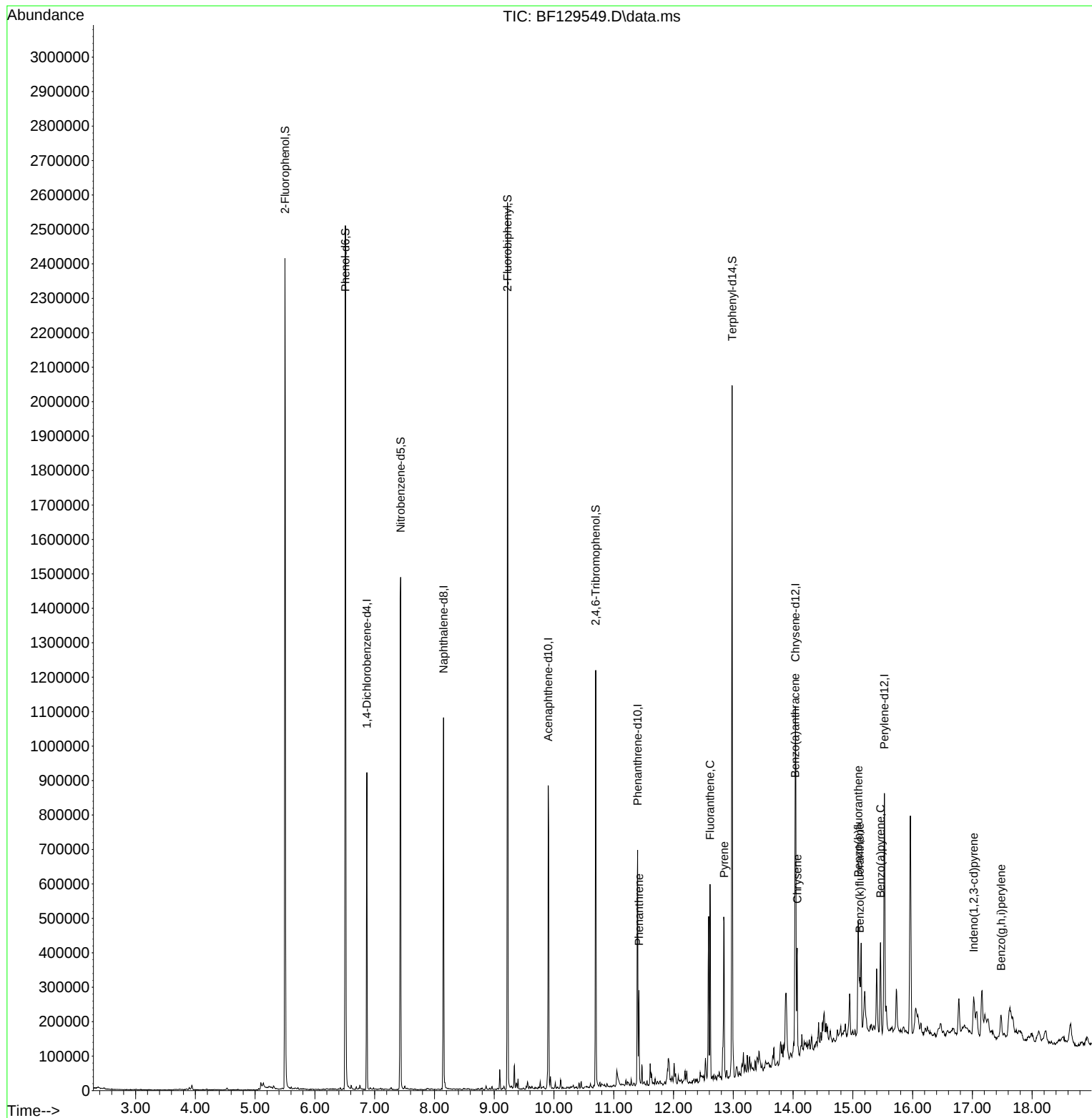
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129549.D
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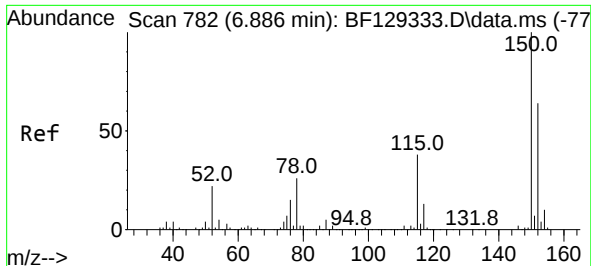
Instrument :
BNA_F
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Quant Time: Aug 04 02:20:26 2022
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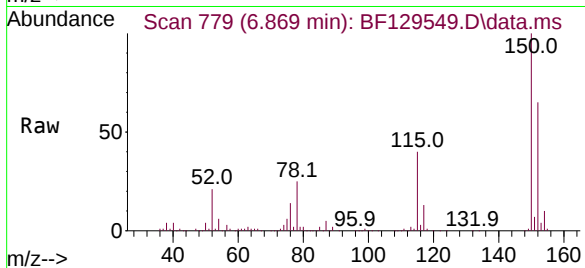
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

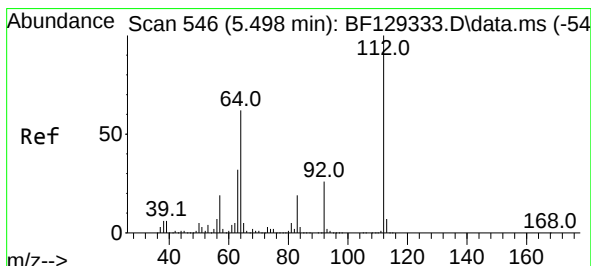
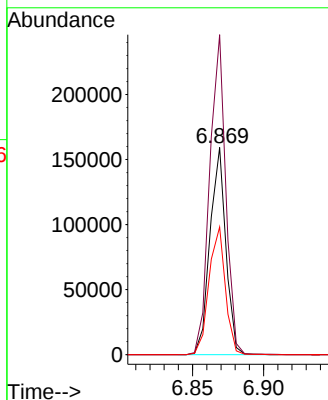
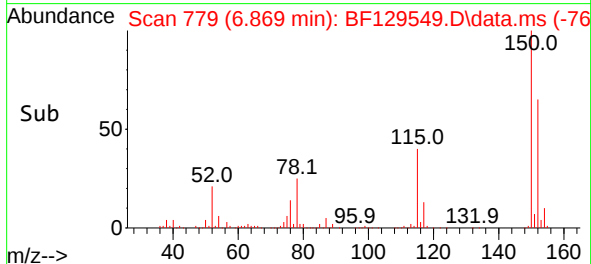
Instrument :
BNA_F
ClientSampleId :
RVE-110



Tgt Ion:152 Resp: 123844
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 61.6 49.9 74.9

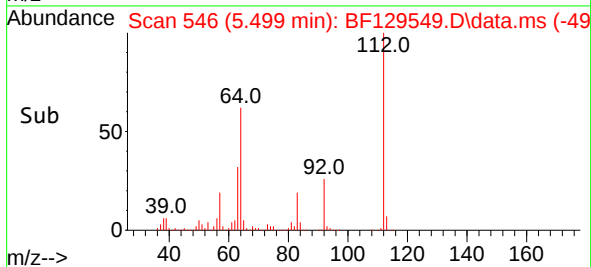
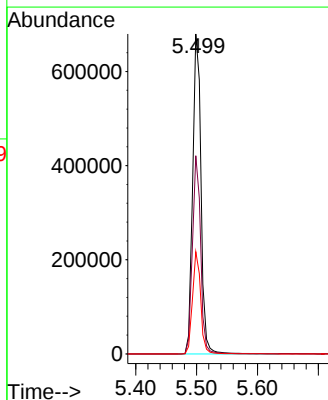
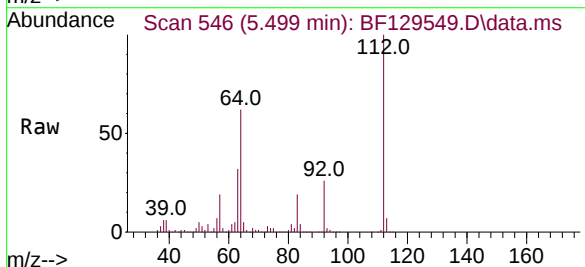
Manual Integrations
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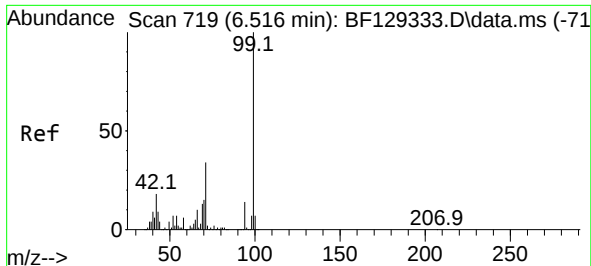
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 85.031 ng
RT: 5.499 min Scan# 546
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

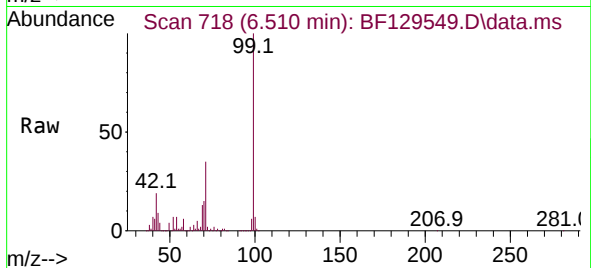
Tgt Ion:112 Resp: 646443
Ion Ratio Lower Upper
112 100
64 61.9 53.3 79.9
63 31.9 28.0 42.0





#7
Phenol-d6
Concen: 80.266 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

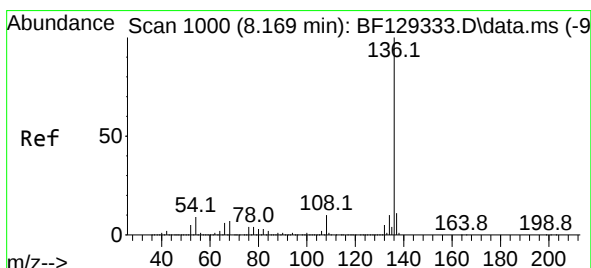
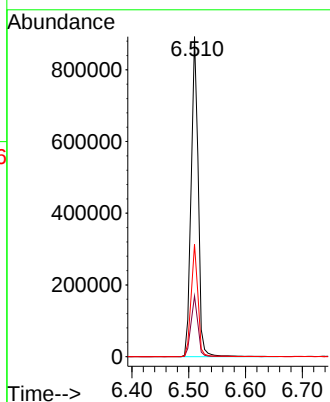
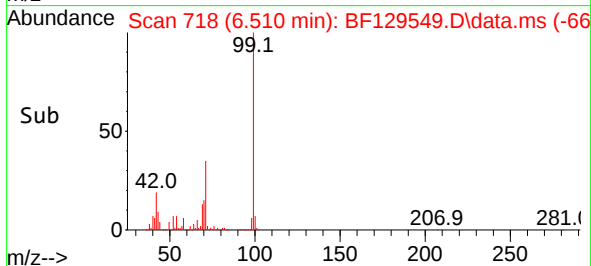
Instrument :
BNA_F
ClientSampleId :
RVE-110



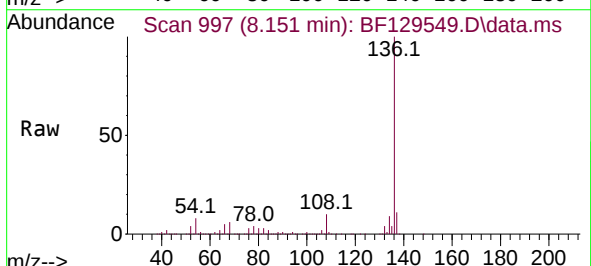
Tgt Ion: 99 Resp: 767008
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.0 28.9 43.3

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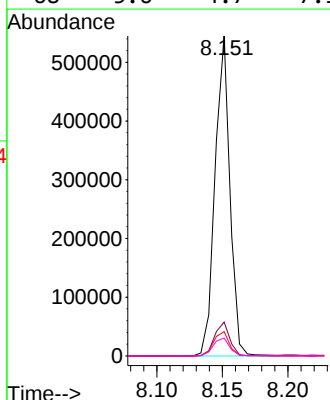
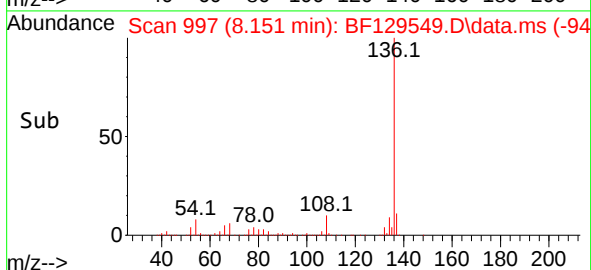
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

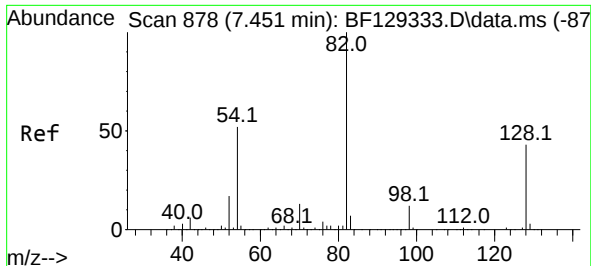


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58



Tgt Ion:136 Resp: 430507
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 7.5 11.3
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 60.889 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

Tgt Ion: 82 Resp: 480196

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

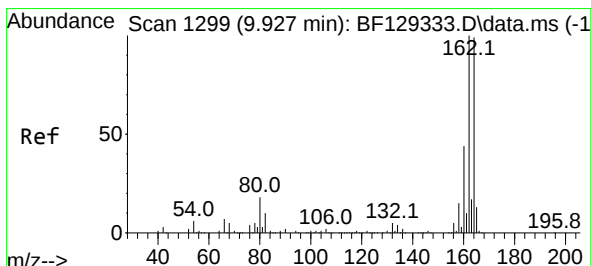
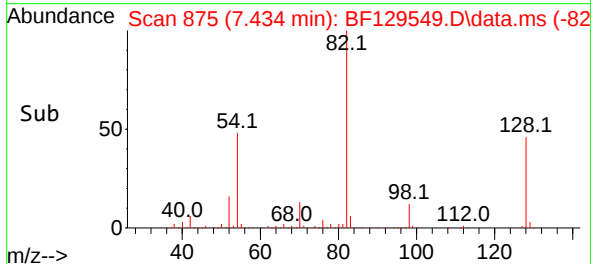
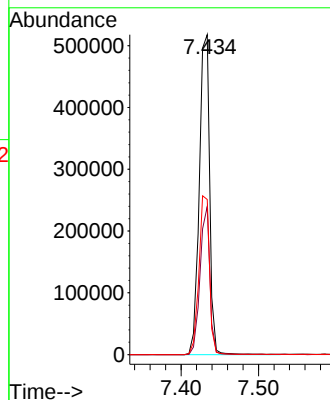
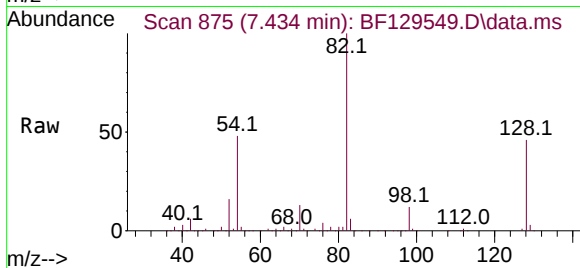
54 48.5 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

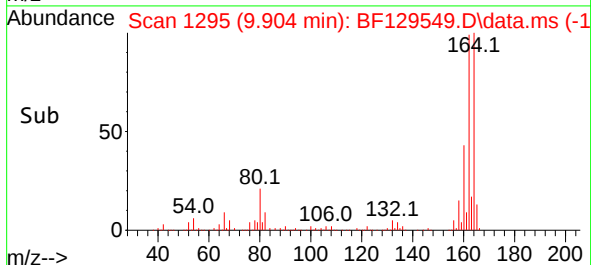
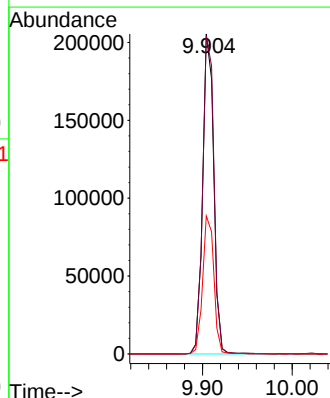
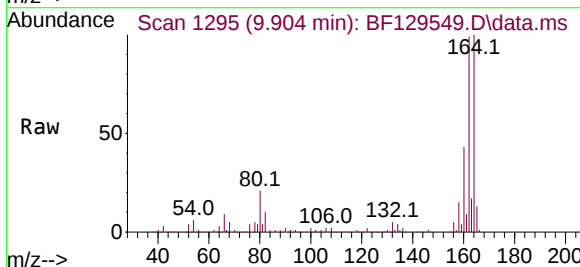
Tgt Ion:164 Resp: 175248

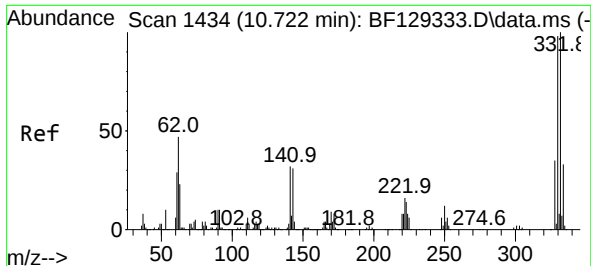
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

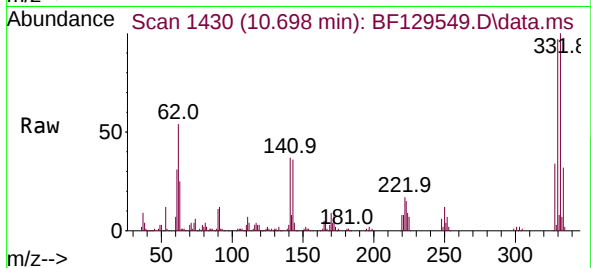
160 43.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 71.034 ng
RT: 10.698 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

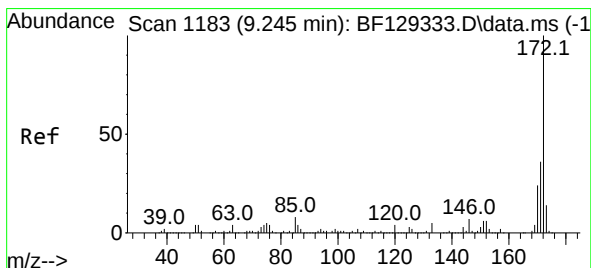
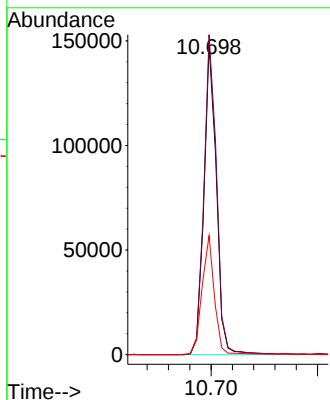
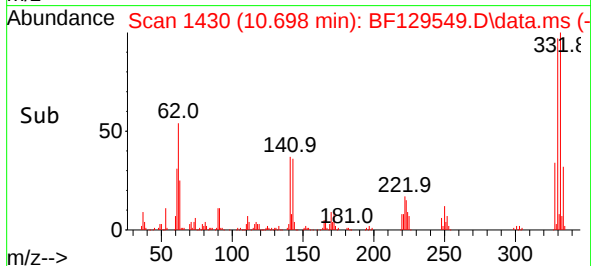
Instrument :
BNA_F
ClientSampleId :
RVE-110



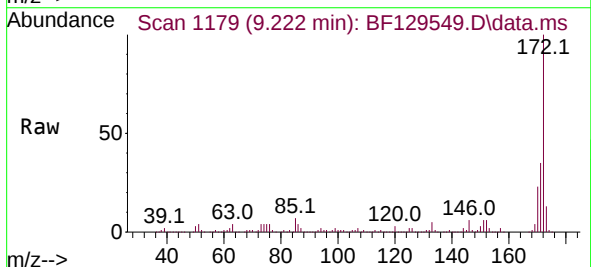
Tgt Ion: 330 Resp: 119683
Ion Ratio Lower Upper
330 100
332 105.3 76.8 115.2
141 38.2 28.0 42.0

Manual Integrations
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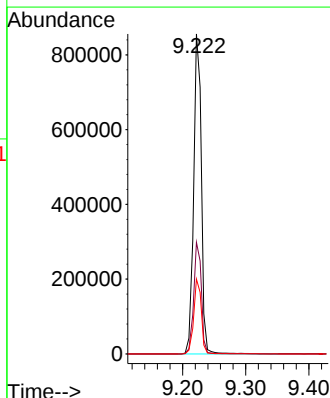
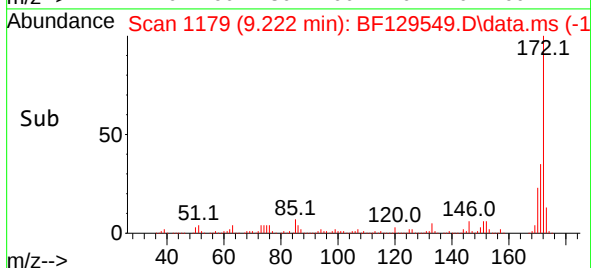
Reviewed By : Christian Giraldo 08/04/2022
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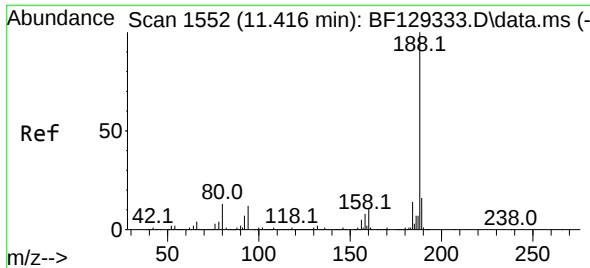


#45
2-Fluorobiphenyl
Concen: 64.310 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58



Tgt Ion: 172 Resp: 728542
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.4 19.8 29.8





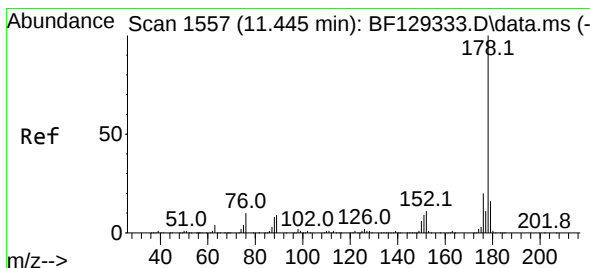
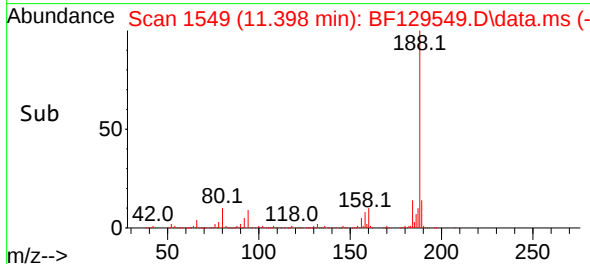
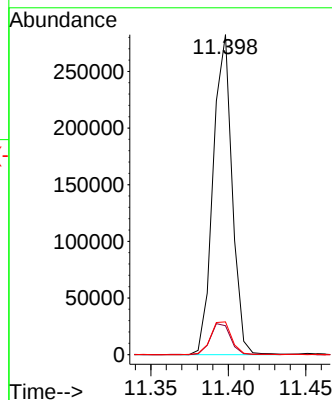
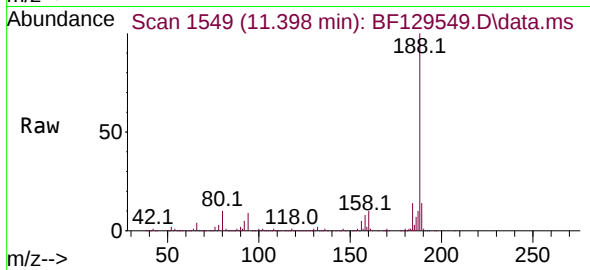
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-110

Tgt Ion:188 Resp: 24024
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.6 11.4

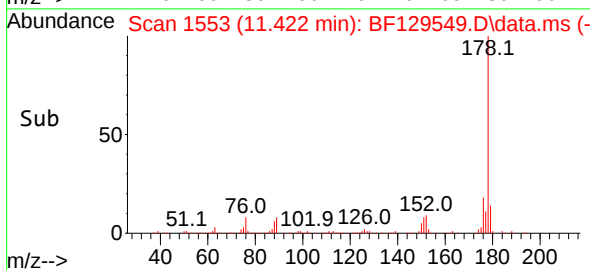
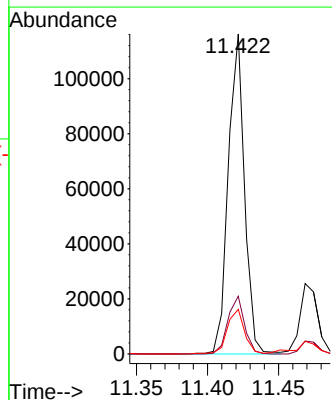
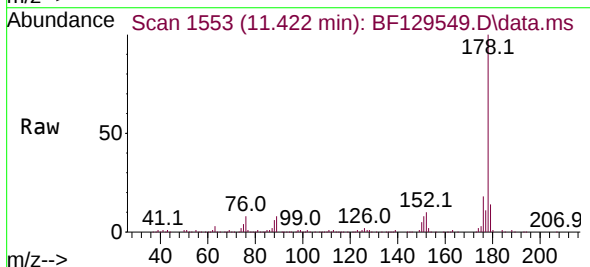
Manual Integrations
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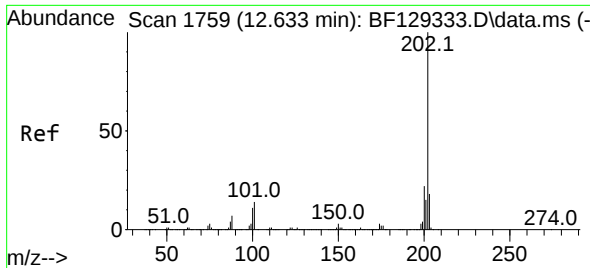
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 7.068 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

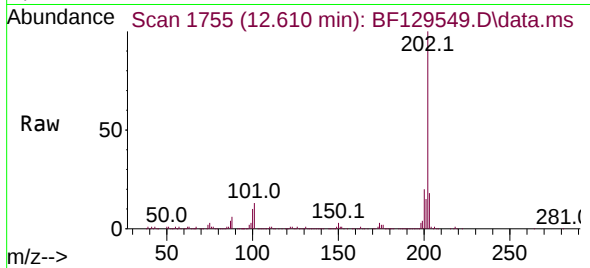
Tgt Ion:178 Resp: 92689
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 13.9 12.6 19.0





#75
Fluoranthene
Concen: 15.454 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

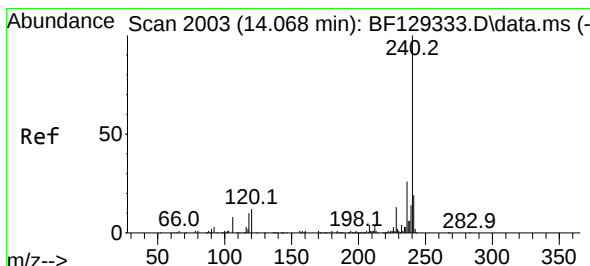
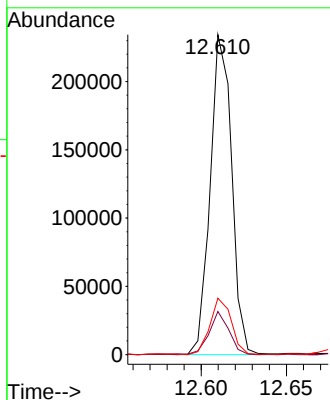
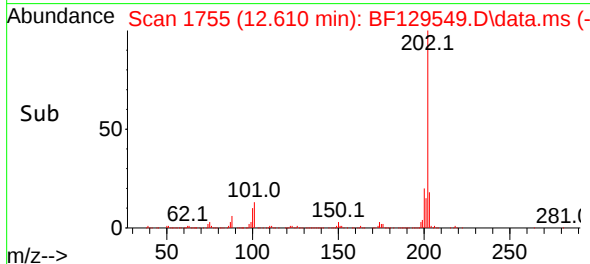
Instrument :
BNA_F
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RVE-110



Tgt Ion:202 Resp: 205345
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.4
203 17.6 0.0 38.0

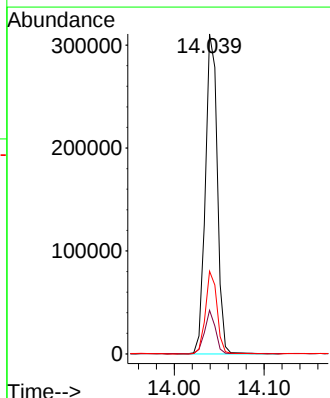
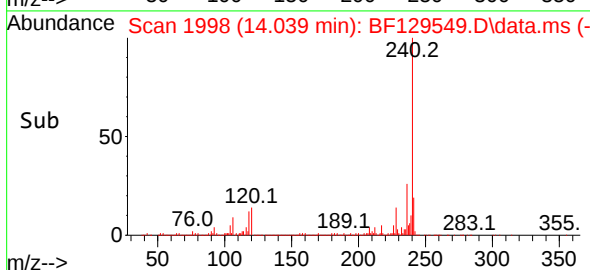
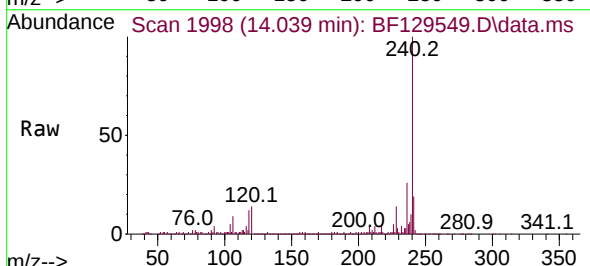
Manual Integrations
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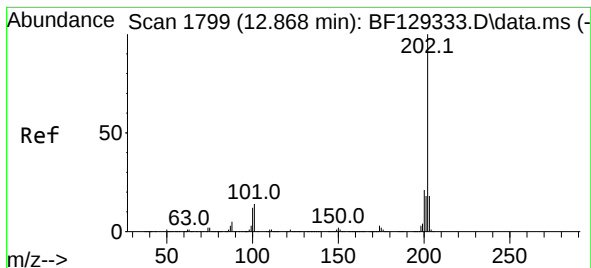
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:240 Resp: 287297
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3#
236 25.8 20.8 31.2





#78

Pyrene

Concen: 8.097 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

Tgt Ion:202 Resp: 194516

Ion Ratio Lower Upper

202 100

200 19.7 17.7 26.5

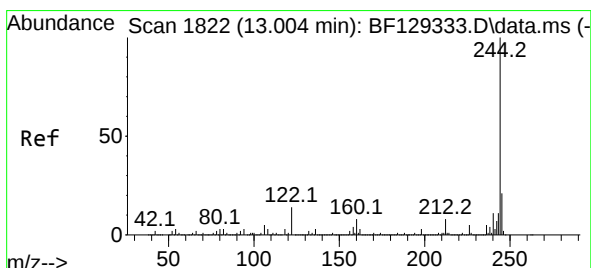
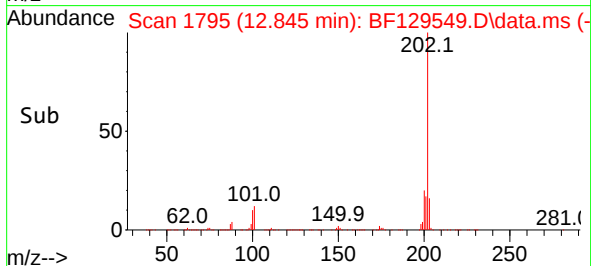
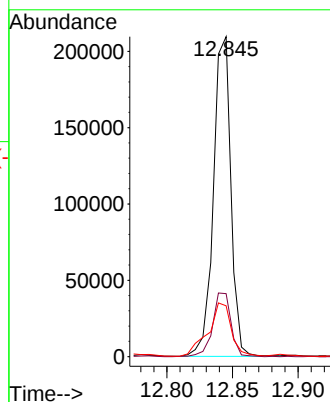
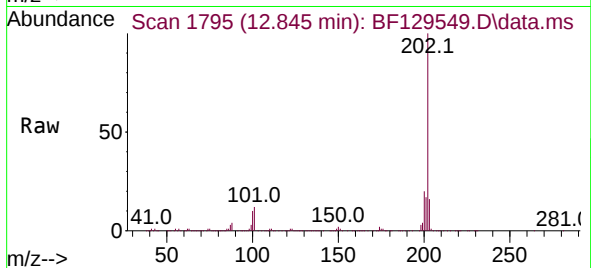
203 15.9 14.6 21.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#79

Terphenyl-d14

Concen: 39.569 ng

RT: 12.980 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

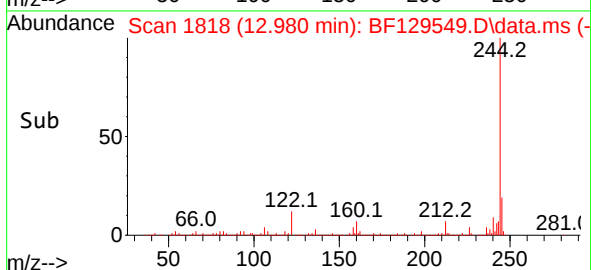
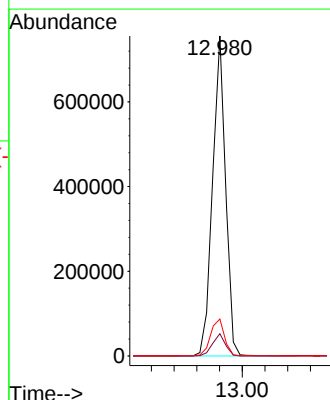
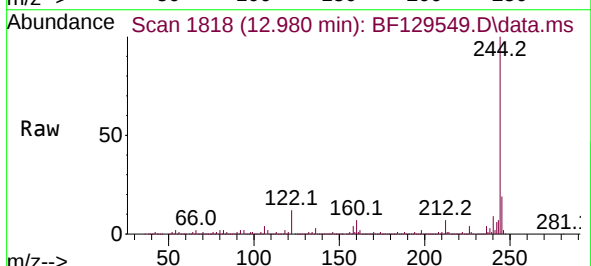
Tgt Ion:244 Resp: 602573

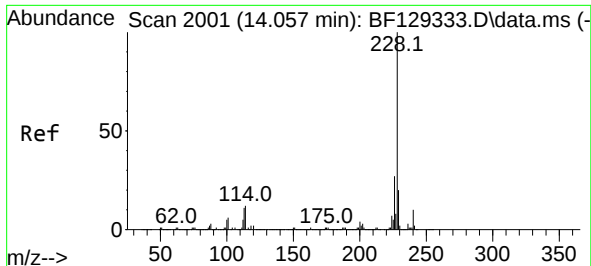
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

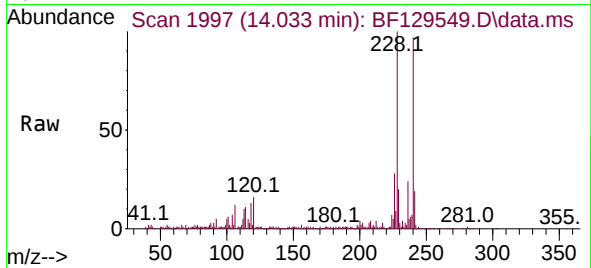
122 11.5 8.8 13.2





#81
Benzo(a)anthracene
Concen: 6.480 ng
RT: 14.033 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

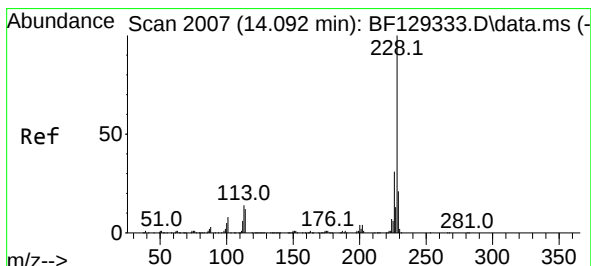
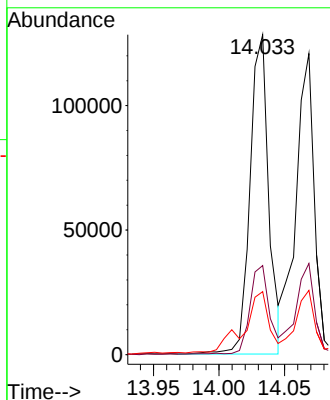
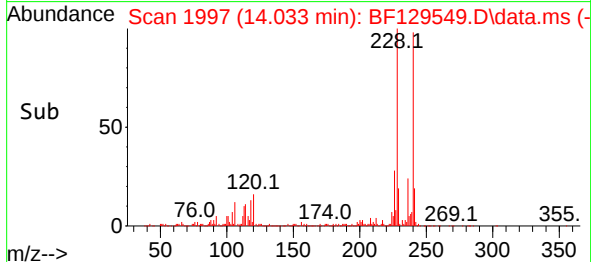
Instrument :
BNA_F
ClientSampleId :
RVE-110



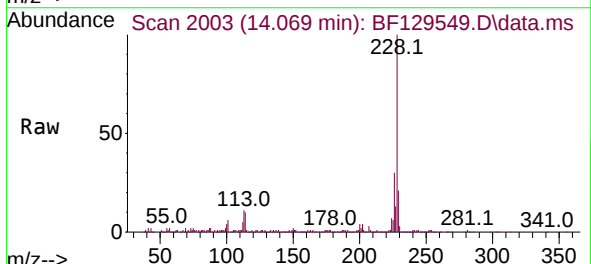
Tgt Ion:228 Resp: 127166
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 19.7 15.8 23.8

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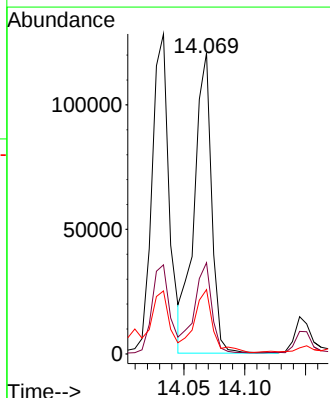
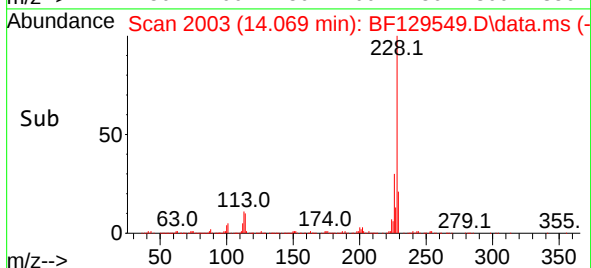
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

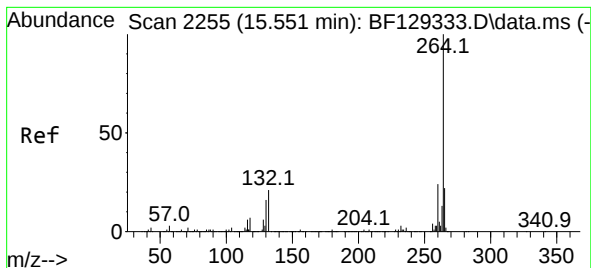


#83
Chrysene
Concen: 6.474 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58



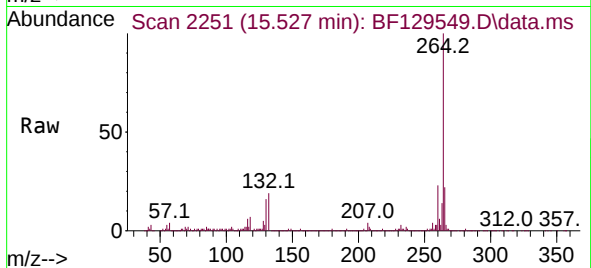
Tgt Ion:228 Resp: 119749
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

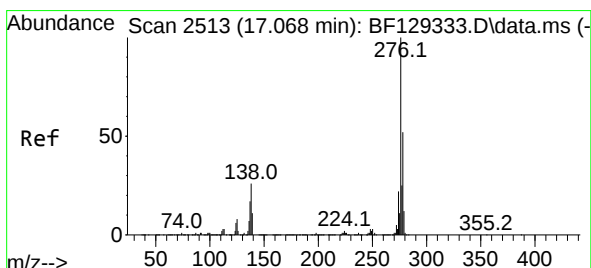
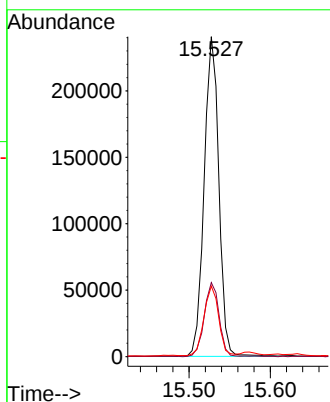
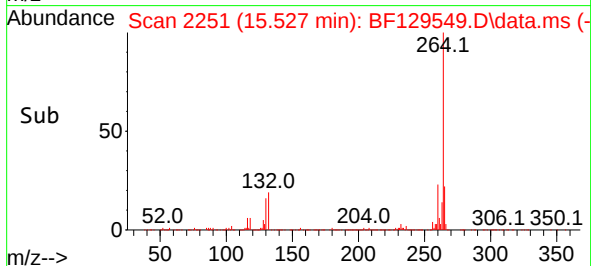
Instrument :
BNA_F
ClientSampleId :
RVE-110



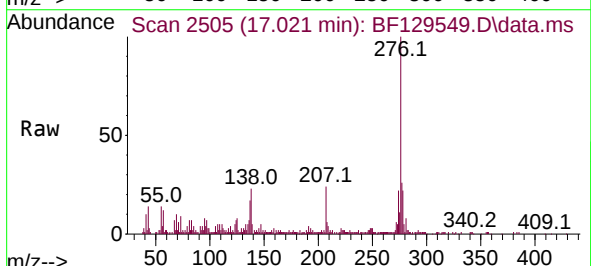
Tgt Ion:264 Resp: 302655
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.0 17.2 25.8

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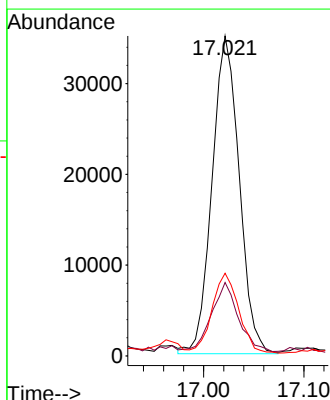
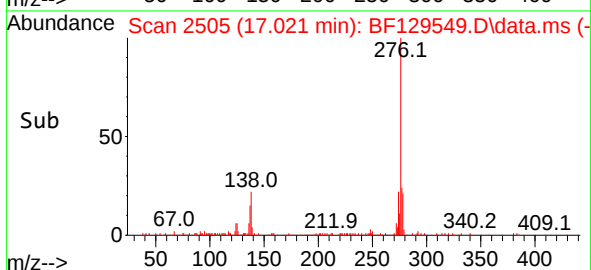
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

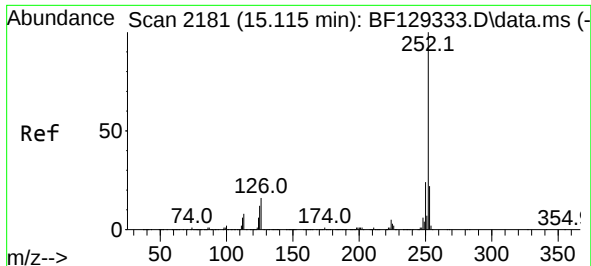


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.233 ng
RT: 17.021 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58



Tgt Ion:276 Resp: 65886
Ion Ratio Lower Upper
276 100
138 21.8 21.1 31.7
277 24.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 9.421 ng m

RT: 15.092 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

Tgt Ion:252 Resp: 189132

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

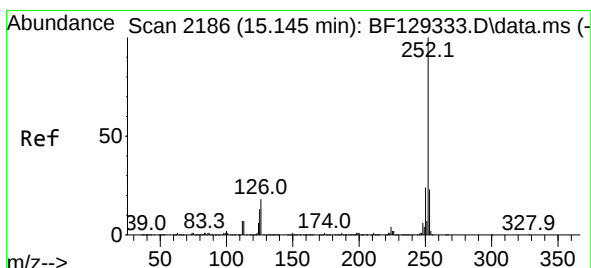
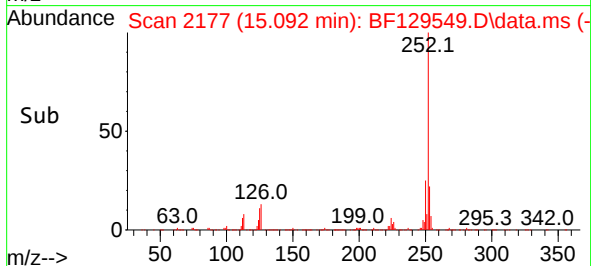
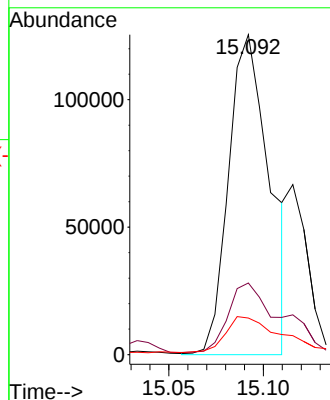
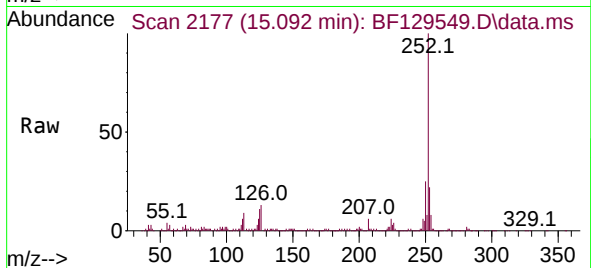
125 11.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#89

Benzo(k)fluoranthene

Concen: 2.464 ng m

RT: 15.116 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

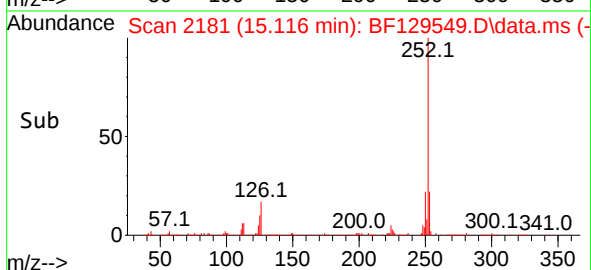
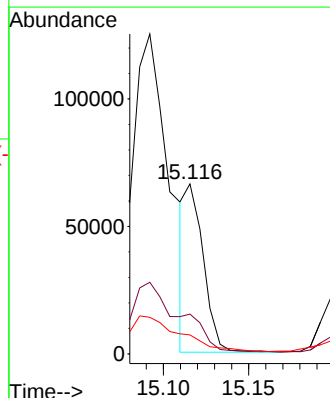
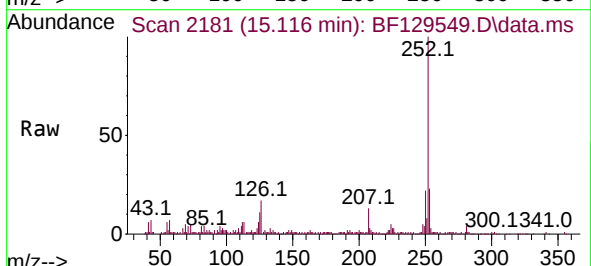
Tgt Ion:252 Resp: 48471

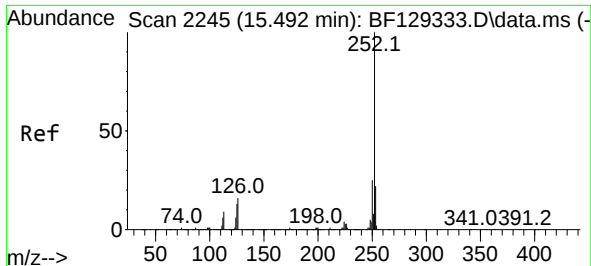
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

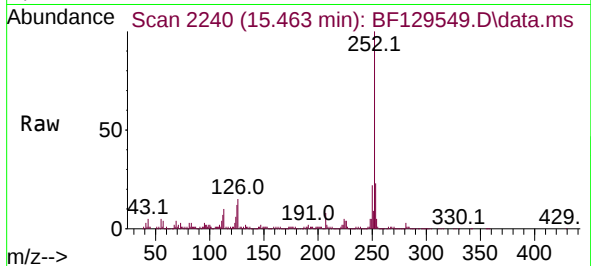
125 11.1 8.3 12.5





#90
Benzo(a)pyrene
Concen: 7.359 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

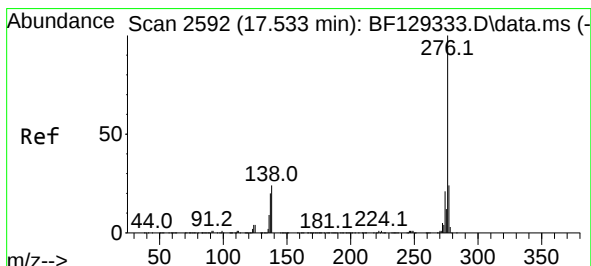
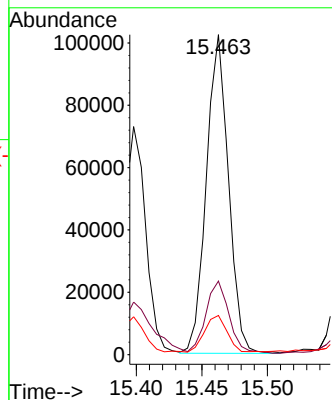
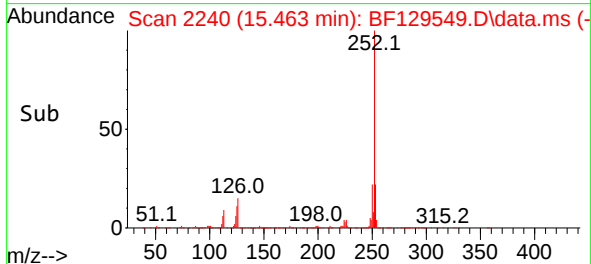
Instrument :
BNA_F
ClientSampleId :
RVE-110



Tgt Ion:252 Resp: 119934
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 12.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 3.432 ng
RT: 17.480 min Scan# 2583
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:276 Resp: 58173
Ion Ratio Lower Upper
276 100
277 26.7 19.1 28.7
138 24.0 18.0 27.0

