

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129177.D
 Acq On : 08 Jul 2022 16:09
 Operator : CG\JU
 Sample : N3622-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220498A-SIM-C4A-COMPOSITE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 23:24:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	266089	20.000	ng	0.00
21) Naphthalene-d8	8.227	136	1023731	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	521898	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	921609	20.000	ng	0.00
76) Chrysene-d12	14.133	240	557993	20.000	ng	0.00
86) Perylene-d12	15.651	264	514458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1594055	101.280	ng	0.00
7) Phenol-d6	6.569	99	1990963	101.853	ng	0.00
23) Nitrobenzene-d5	7.504	82	1161963	67.700	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	591381	104.211	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1945024	59.621	ng	0.00
79) Terphenyl-d14	13.068	244	1737572	64.666	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	710902	16.144	ng	100
72) Anthracene	11.557	178	194393	4.478	ng	98
75) Fluoranthene	12.698	202	825040	17.916	ng	98
78) Pyrene	12.933	202	741048	19.160	ng	98
81) Benzo(a)anthracene	14.121	228	337999	9.921	ng	98
83) Chrysene	14.157	228	272038	8.601	ng	97
87) Indeno(1,2,3-cd)pyrene	17.192	276	147159	4.664	ng	97
88) Benzo(b)fluoranthene	15.198	252	348409m	11.261	ng	
89) Benzo(k)fluoranthene	15.227	252	84489m	2.815	ng	
90) Benzo(a)pyrene	15.586	252	237968	9.435	ng	97
92) Benzo(g,h,i)perylene	17.668	276	142451	5.520	ng	99

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

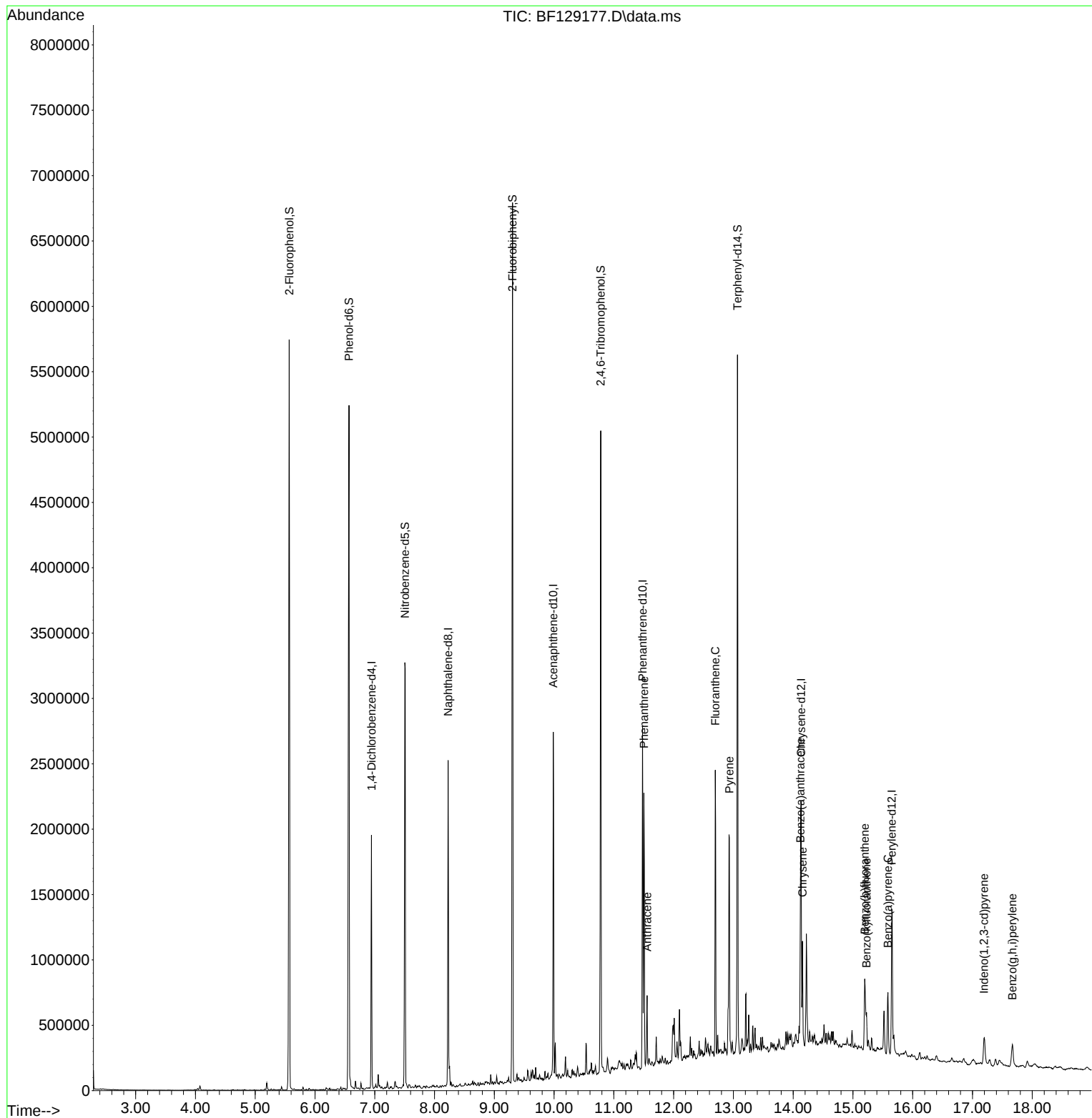
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
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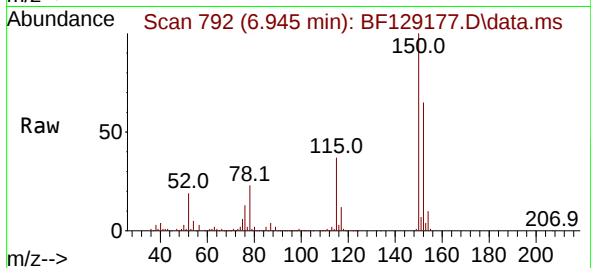
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

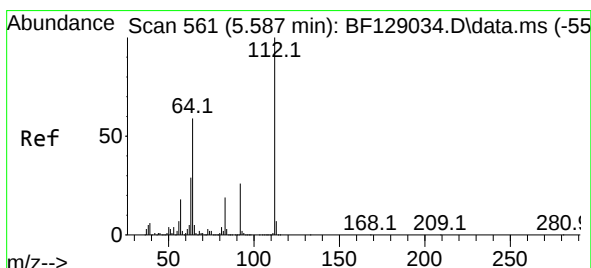
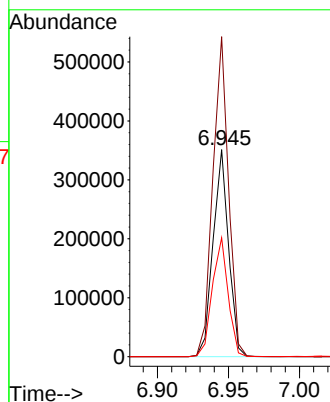
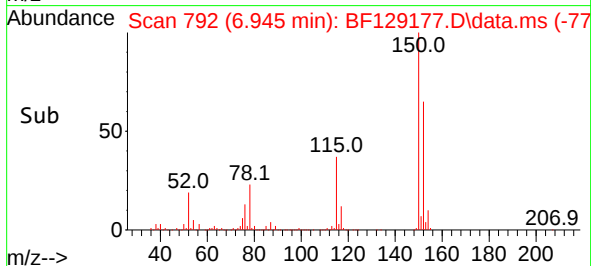
Instrument :
BNA_F
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20220498A-SIM-C4A-COMPOSITE



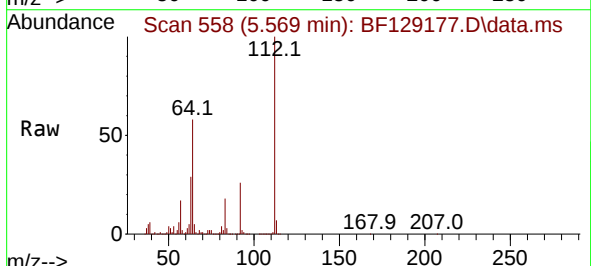
Tgt Ion:152 Resp: 266089
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 57.4 49.9 74.9

Manual Integrations
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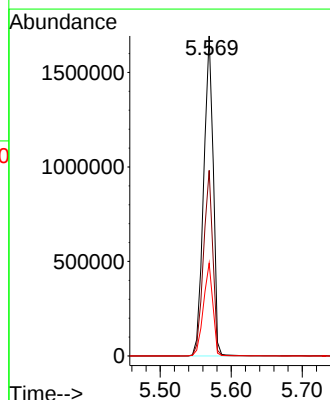
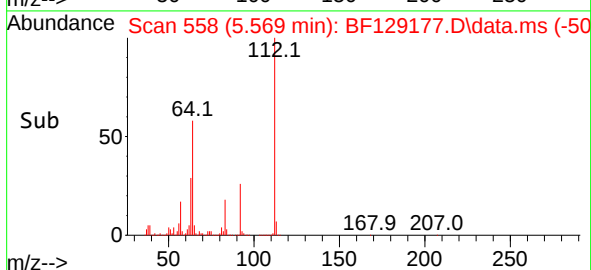
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#5
2-Fluorophenol
Concen: 101.280 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09



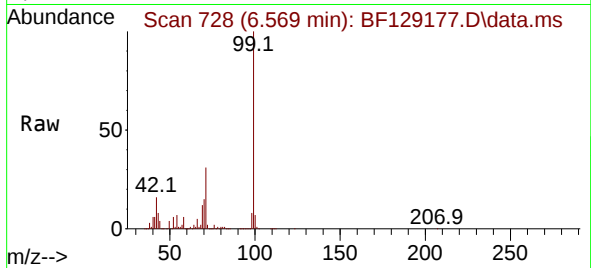
Tgt Ion:112 Resp: 1594055
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 29.0 28.0 42.0





#7
Phenol-d6
Concen: 101.853 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

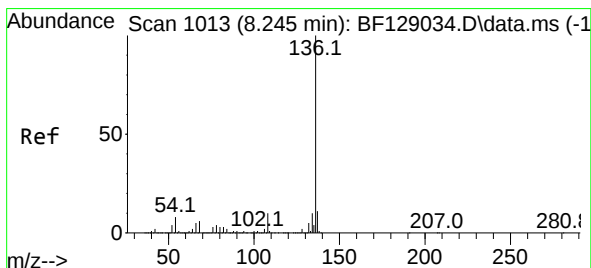
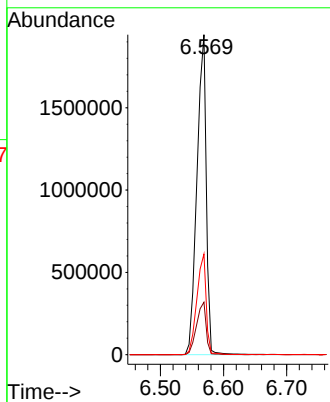
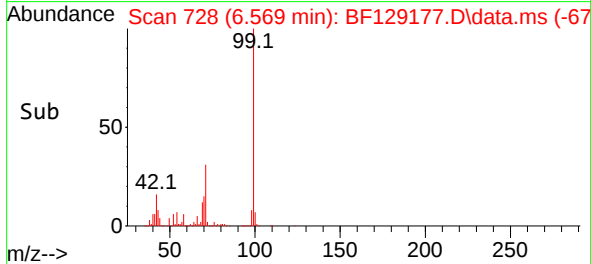
Instrument :
BNA_F
ClientSampleId :
20220498A-SIM-C4A-COMPOSITE



Tgt Ion: 99 Resp: 199096
Ion Ratio Lower Upper
99 100
42 16.4 17.3 25.9
71 31.5 28.9 43.3

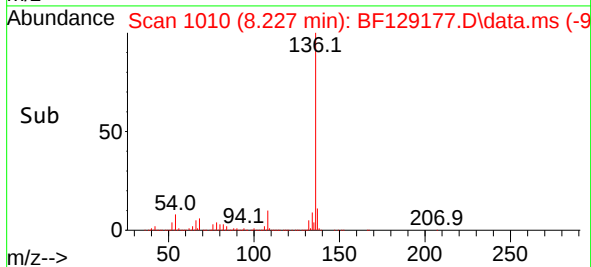
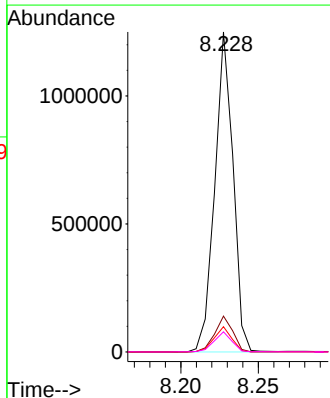
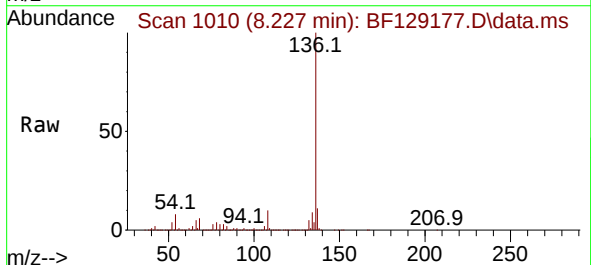
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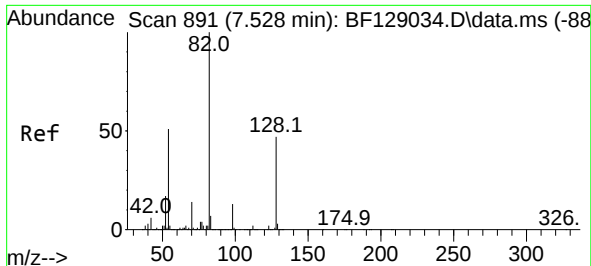
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.227 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

Tgt Ion:136 Resp: 1023731
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 67.700 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129177.D

Acq: 08 Jul 2022 16:09

Instrument :

BNA_F

ClientSampleId :

20220498A-SIM-C4A-COMPOSITE

Tgt Ion: 82 Resp: 116196

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

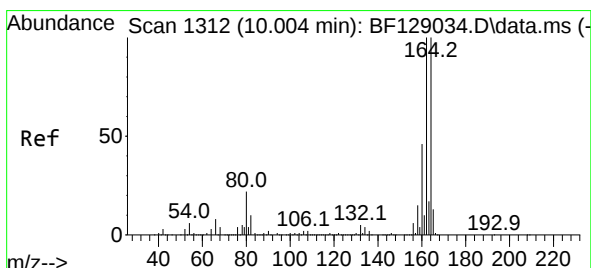
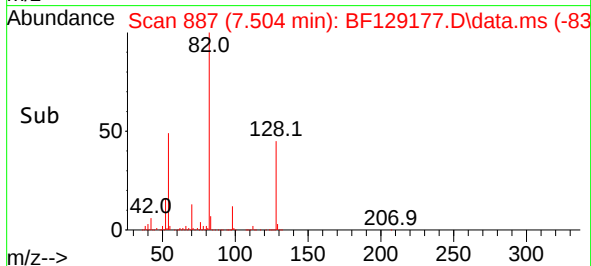
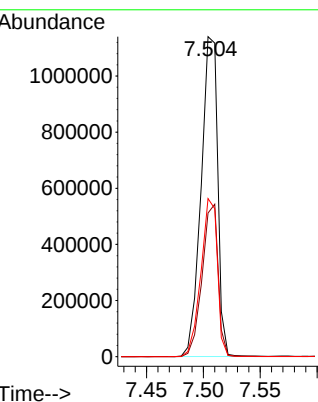
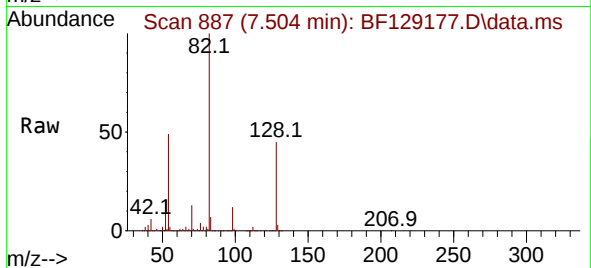
54 49.4 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF129177.D

Acq: 08 Jul 2022 16:09

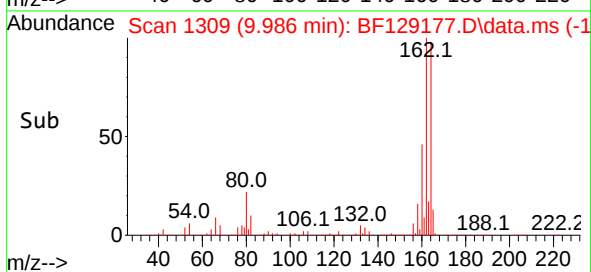
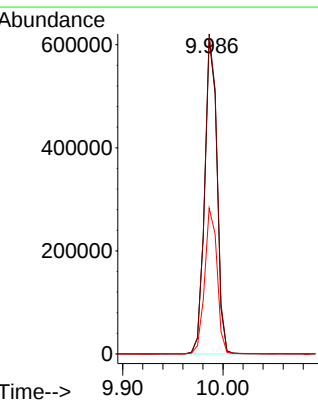
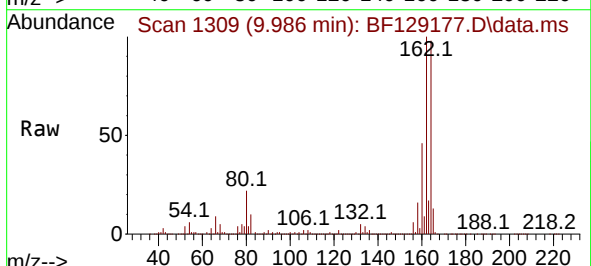
Tgt Ion:164 Resp: 521898

Ion Ratio Lower Upper

164 100

162 101.6 79.5 119.3

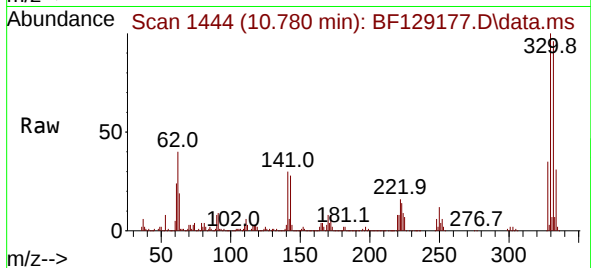
160 46.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 104.211 ng
RT: 10.780 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

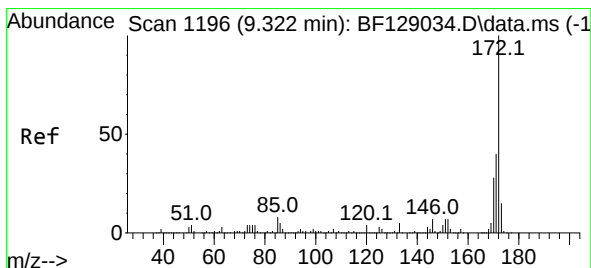
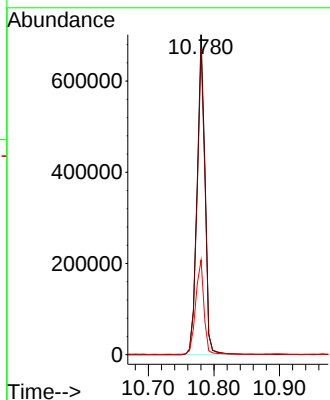
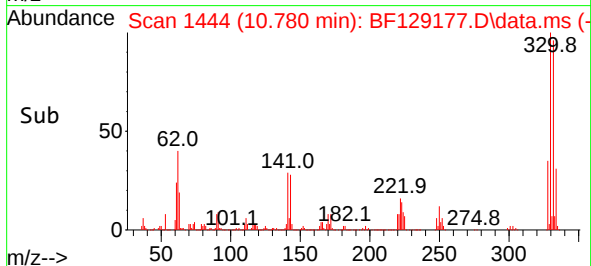
Instrument :
BNA_F
ClientSampleId :
20220498A-SIM-C4A-COMPOSITE



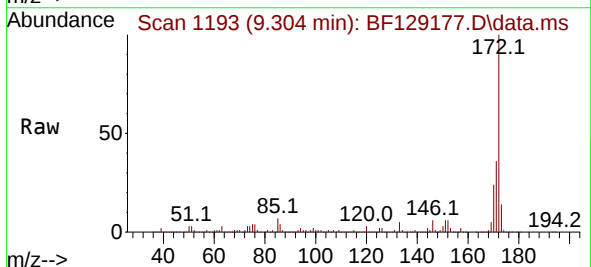
Tgt Ion: 330 Resp: 59138
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 30.9 28.0 42.0

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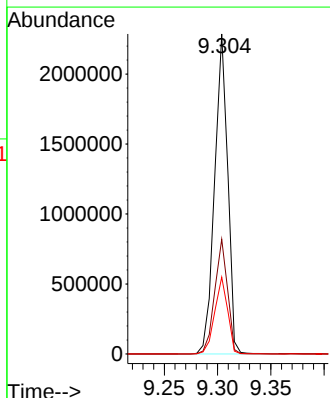
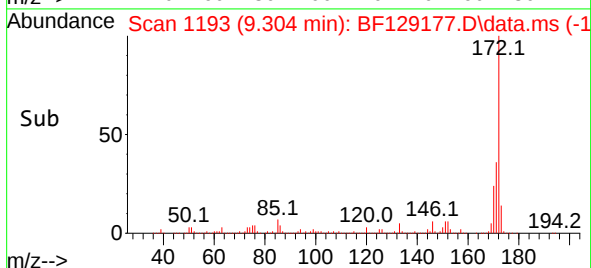
Reviewed By : Jagrut Upadhyay 07/11/2022
Supervised By : mohammad ahmed 07/11/2022

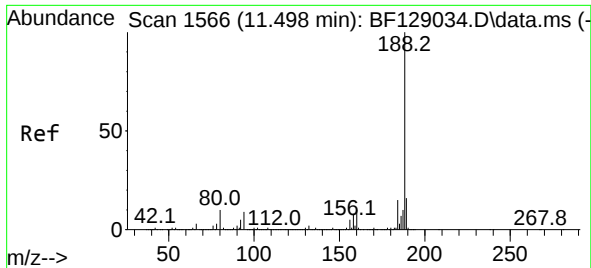


#45
2-Fluorobiphenyl
Concen: 59.621 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09



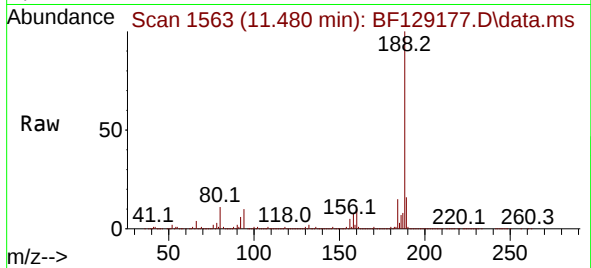
Tgt Ion: 172 Resp: 1945024
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

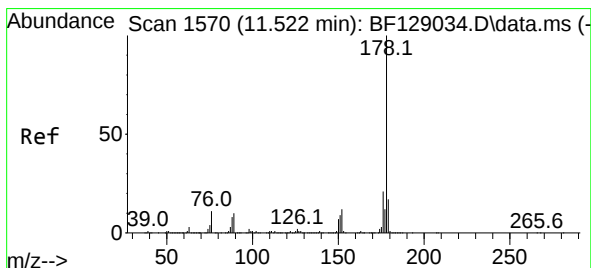
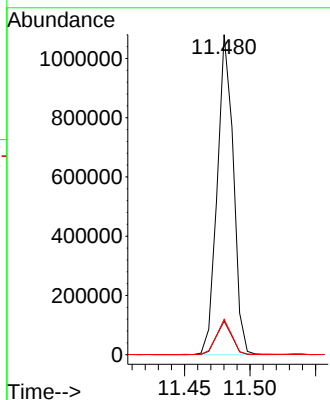
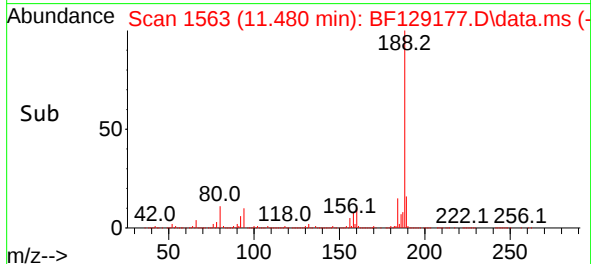
Instrument :
BNA_F
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20220498A-SIM-C4A-COMPOSITE



Tgt Ion:188 Resp: 921609
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.1 7.6 11.4

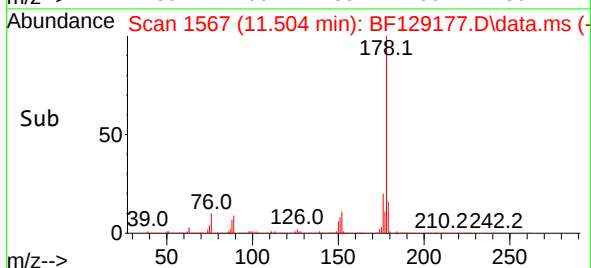
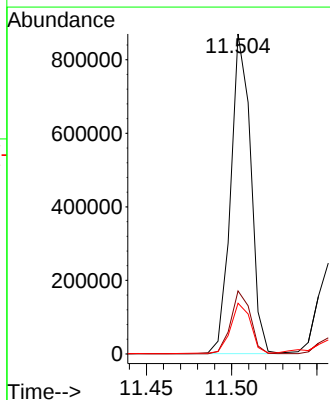
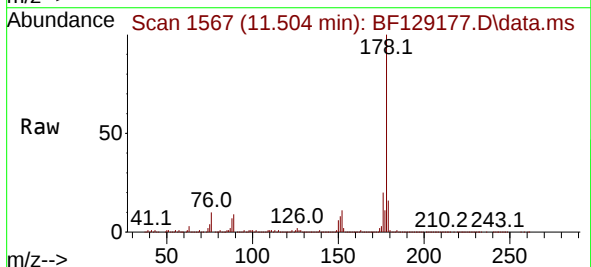
Manual Integrations
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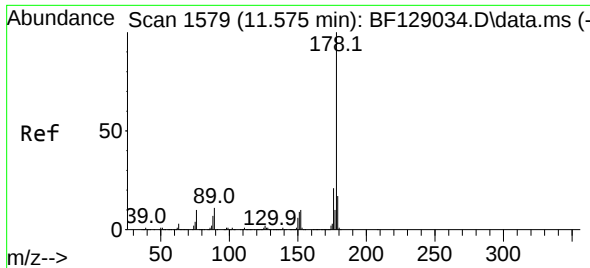
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#71
Phenanthrene
Concen: 16.144 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

Tgt Ion:178 Resp: 710902
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.9 12.6 19.0





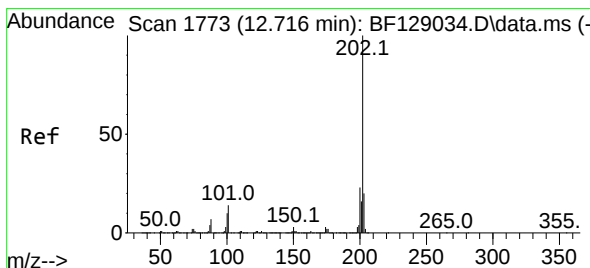
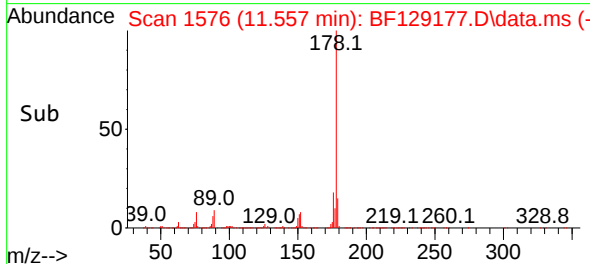
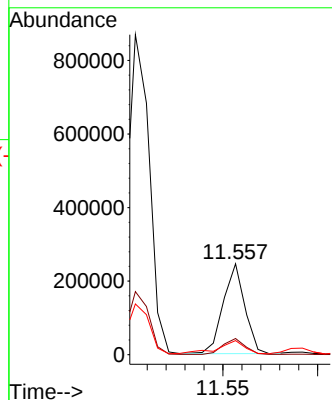
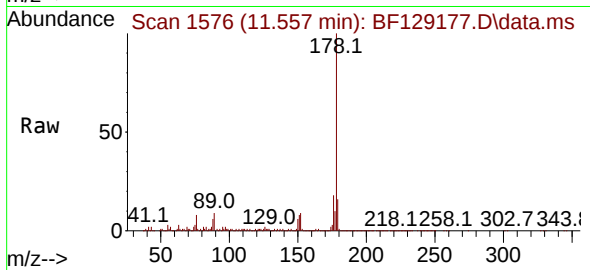
#72
 Anthracene
 Concen: 4.478 ng
 RT: 11.557 min Scan# 1157
 Delta R.T. -0.006 min
 Lab File: BF129177.D
 Acq: 08 Jul 2022 16:09

Instrument : BNA_F
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Tgt Ion:178 Resp: 19439
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 15.5 12.6 19.0

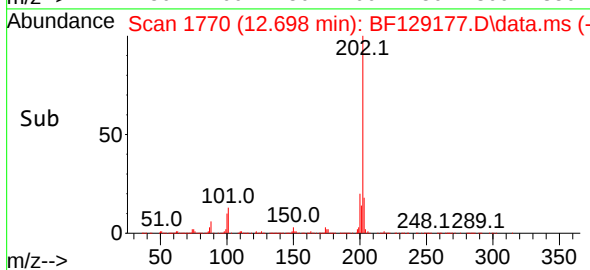
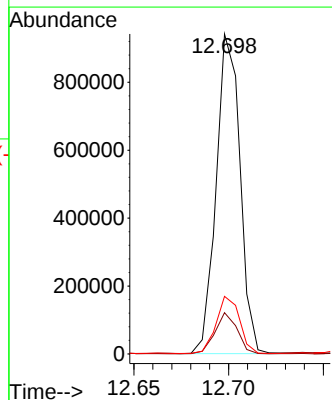
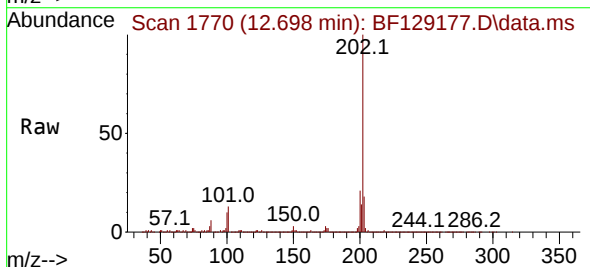
Manual Integrations
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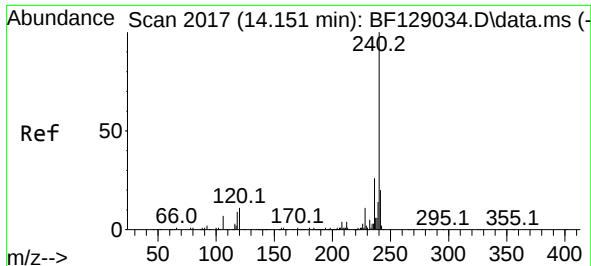
Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022



#75
 Fluoranthene
 Concen: 17.916 ng
 RT: 12.698 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: BF129177.D
 Acq: 08 Jul 2022 16:09

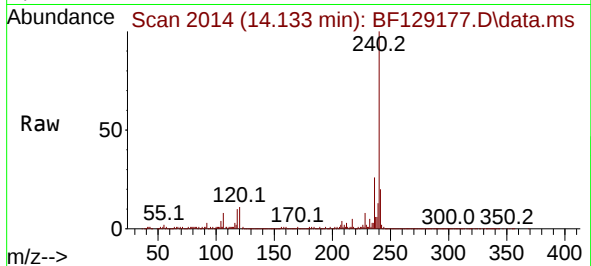
Tgt Ion:202 Resp: 825040
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.4
 203 18.0 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

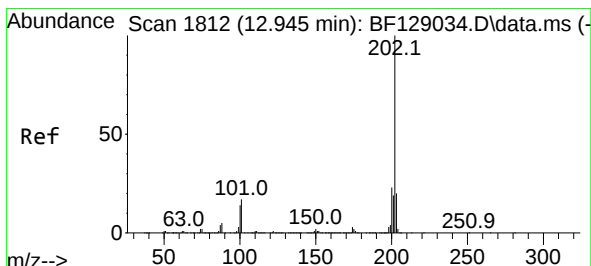
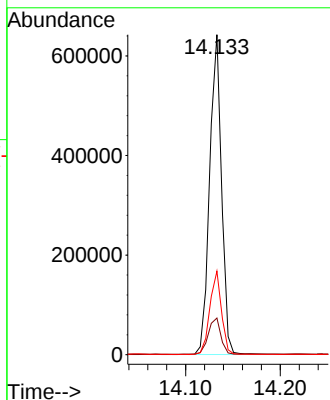
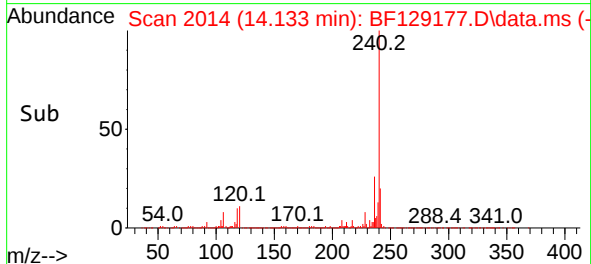
Instrument :
BNA_F
ClientSampleId :
20220498A-SIM-C4A-COMPOSITE



Tgt Ion:240 Resp: 55799
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.1 20.8 31.2

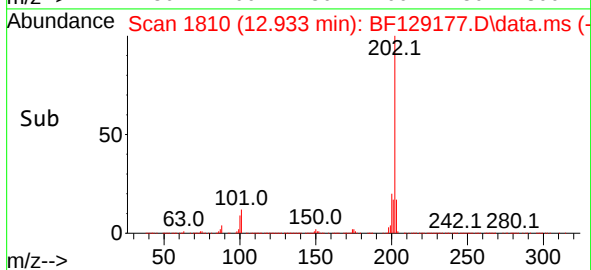
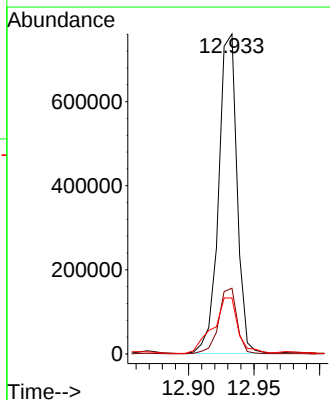
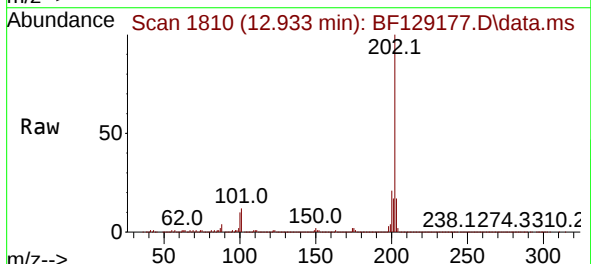
Manual Integrations
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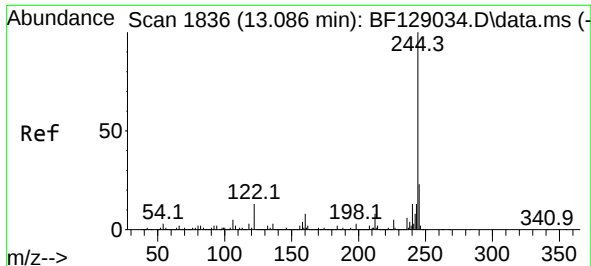
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#78
Pyrene
Concen: 19.160 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

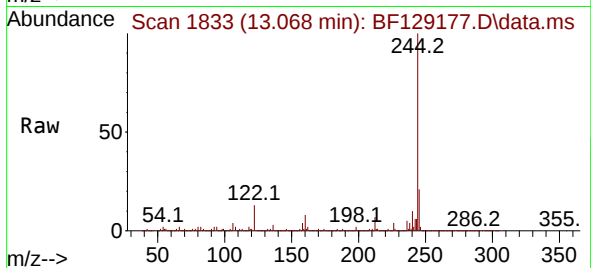
Tgt Ion:202 Resp: 741048
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.5 14.6 21.8





#79
Terphenyl-d14
Concen: 64.666 ng
RT: 13.068 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

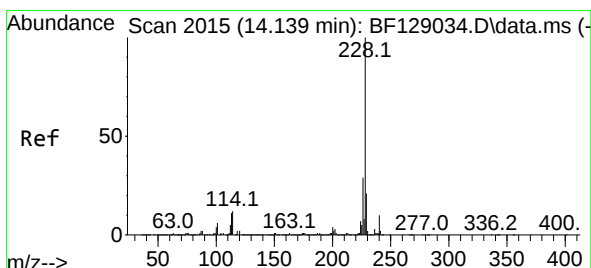
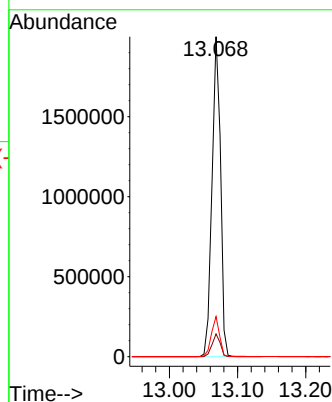
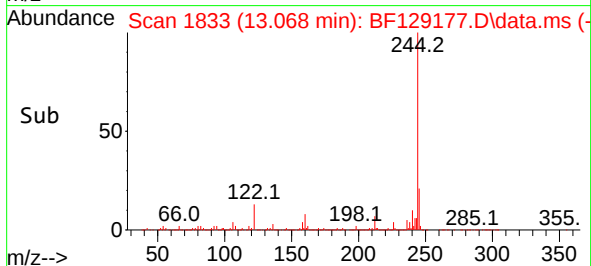
Instrument :
BNA_F
ClientSampleId :
20220498A-SIM-C4A-COMPOSITE



Tgt Ion:244 Resp: 1737572
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.5 8.8 13.2

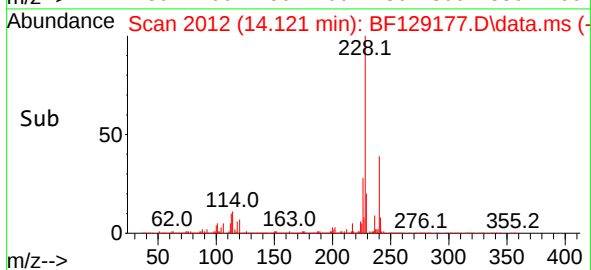
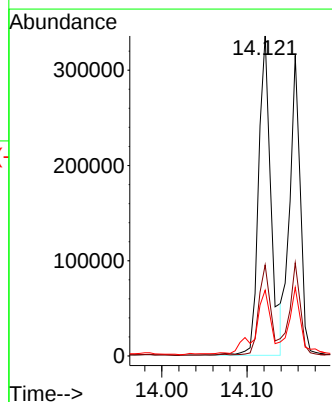
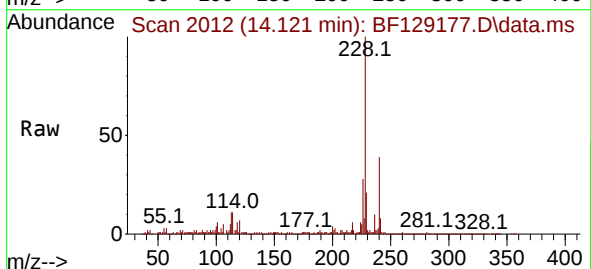
Manual Integrations
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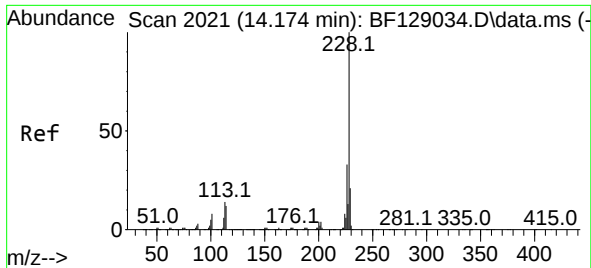
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#81
Benzo(a)anthracene
Concen: 9.921 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

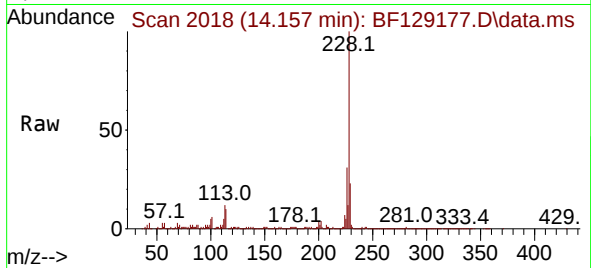
Tgt Ion:228 Resp: 337999
Ion Ratio Lower Upper
228 100
226 28.5 22.1 33.1
229 20.6 15.8 23.8





#83
Chrysene
Concen: 8.601 ng
RT: 14.157 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

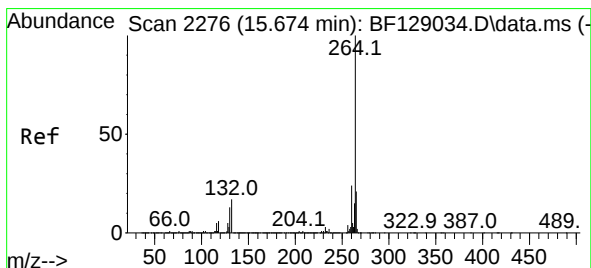
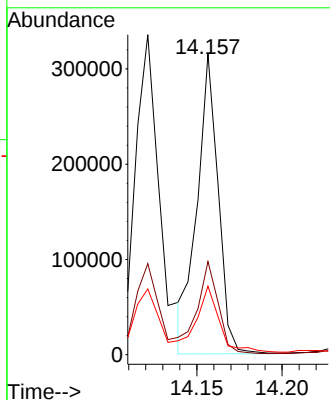
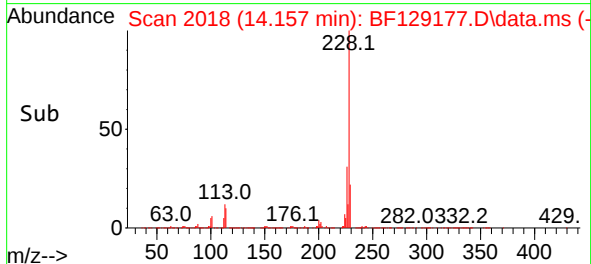
Instrument : BNA_F
ClientSampleId : 20220498A-SIM-C4A-COMPOSITE



Tgt Ion:228 Resp: 272038
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.8 15.9 23.9

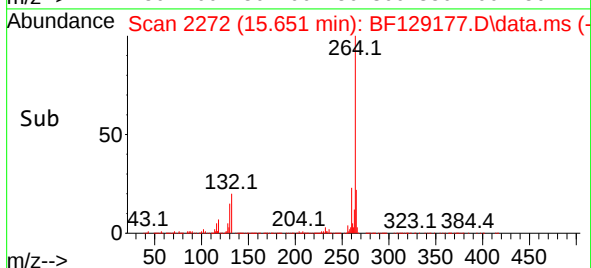
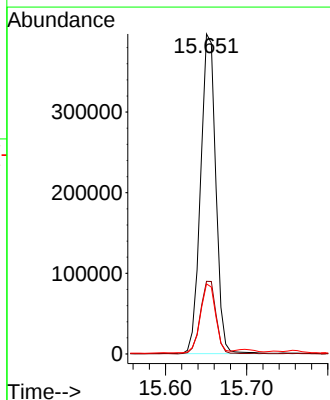
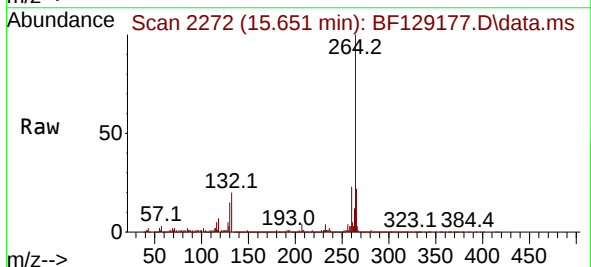
Manual Integrations
APPROVED

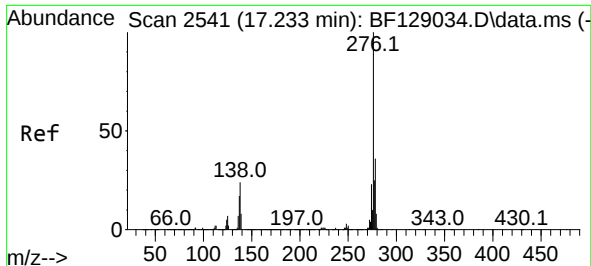
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

Tgt Ion:264 Resp: 514458
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.9 17.2 25.8





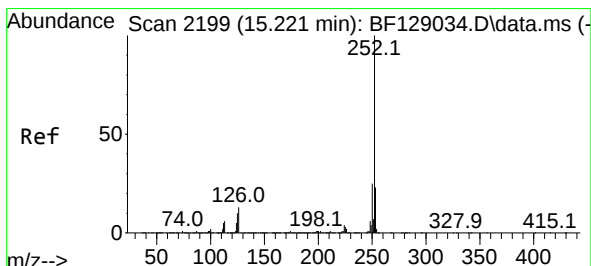
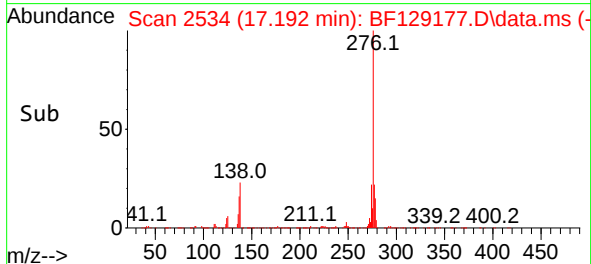
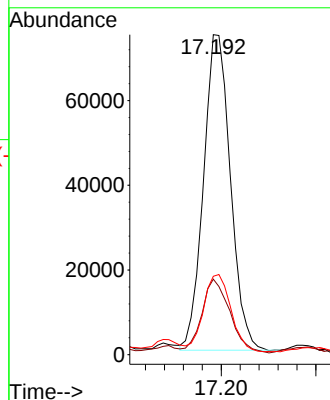
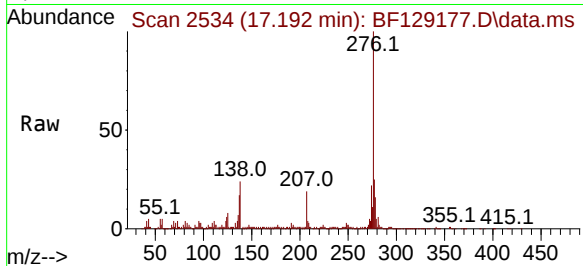
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.664 ng
RT: 17.192 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

Instrument : BNA_F
ClientSampleId : 20220498A-SIM-C4A-COMPOSITE

Tgt Ion:276 Resp: 147159
Ion Ratio Lower Upper
276 100
138 24.5 21.1 31.7
277 24.7 20.3 30.5

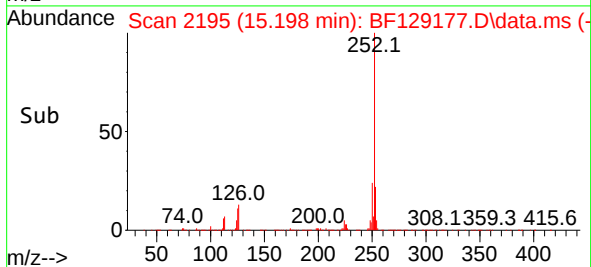
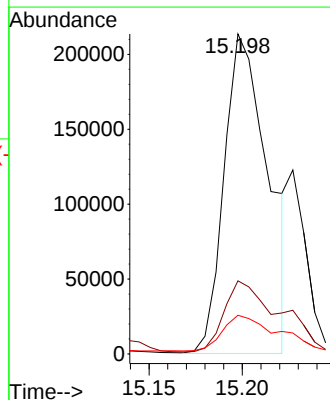
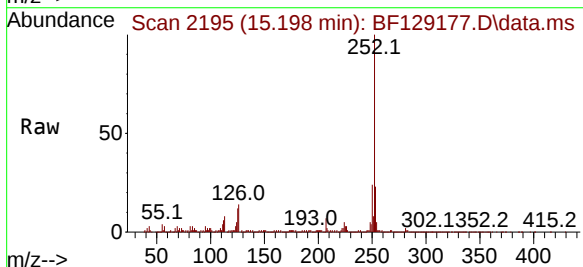
Manual Integrations
APPROVED

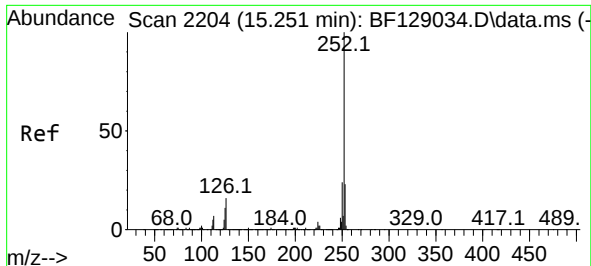
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022



#88
Benzo(b)fluoranthene
Concen: 11.261 ng m
RT: 15.198 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

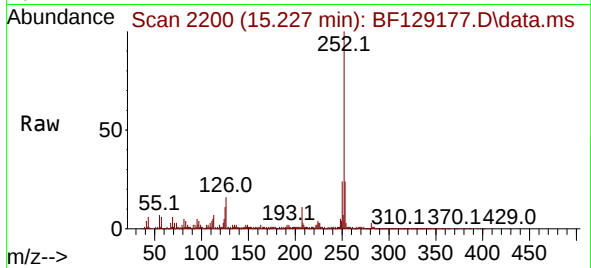
Tgt Ion:252 Resp: 348409
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.1 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.815 ng m
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09

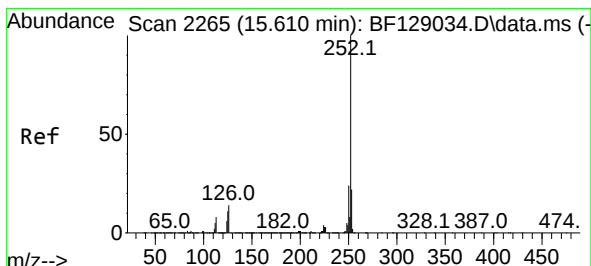
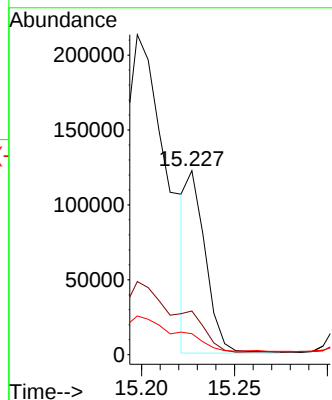
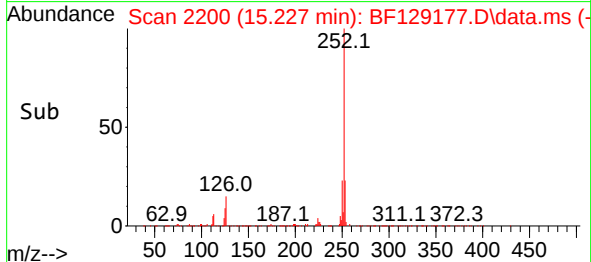
Instrument : BNA_F
ClientSampleId : 20220498A-SIM-C4A-COMPOSITE



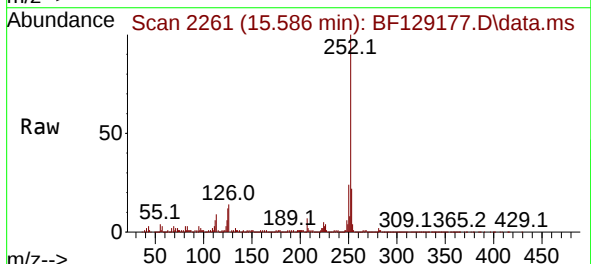
Tgt Ion:252 Resp: 84489
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 11.4 8.3 12.5

Manual Integrations
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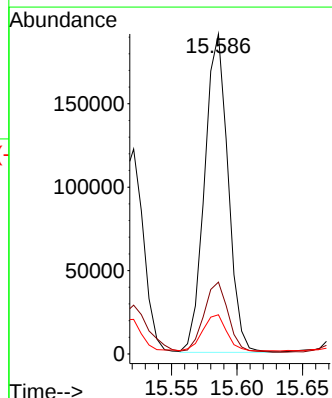
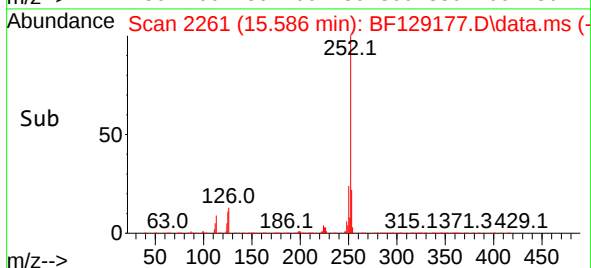
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

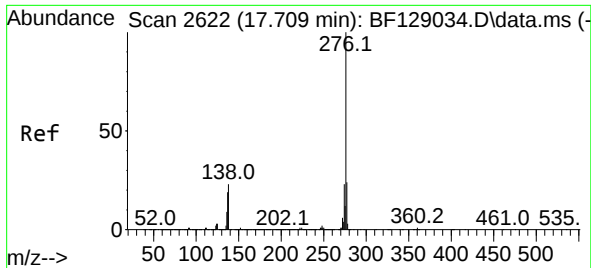


#90
Benzo(a)pyrene
Concen: 9.435 ng
RT: 15.586 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF129177.D
Acq: 08 Jul 2022 16:09



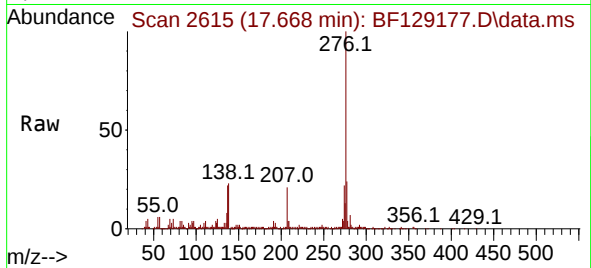
Tgt Ion:252 Resp: 237968
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.3 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 5.520 ng
 RT: 17.668 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF129177.D
 Acq: 08 Jul 2022 16:09

Instrument : BNA_F
 ClientSampleId : 20220498A-SIM-C4A-COMPOSITE



Tgt Ion: 276 Resp: 14245
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.1 28.7
 138 22.9 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
 Supervised By :mohammad ahmed 07/11/2022

