

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129097.D
 Acq On : 01 Jul 2022 17:56
 Operator : CG\JU
 Sample : N3562-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:26:04 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	389774	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1509272	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	792976	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1432301	20.000	ng	0.00
76) Chrysene-d12	14.139	240	889651	20.000	ng	-0.01
86) Perylene-d12	15.656	264	687951	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2451116	106.316	ng	0.00
7) Phenol-d6	6.581	99	3078608	107.518	ng	0.00
23) Nitrobenzene-d5	7.516	82	1955314	77.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	938495	108.843	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3485126	70.311	ng	0.00
79) Terphenyl-d14	13.080	244	3714480	86.704	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.257	128	482763	7.046	ng	99
52) Acenaphthene	10.027	154	140493	3.224	ng	98
55) Dibenzofuran	10.198	168	247665	3.903	ng	97
58) Fluorene	10.545	166	221006	4.503	ng	96
71) Phenanthrene	11.516	178	1505998	22.006	ng	100
72) Anthracene	11.563	178	334986	4.965	ng	98
73) Carbazole	11.716	167	414214	6.127	ng	97
75) Fluoranthene	12.704	202	701081	9.796	ng	99
78) Pyrene	12.933	202	575677	9.335	ng	98
81) Benzo(a)anthracene	14.127	228	208966	3.847	ng	99
83) Chrysene	14.162	228	190637	3.780	ng	98
88) Benzo(b)fluoranthene	15.204	252	159476m	3.855	ng	
90) Benzo(a)pyrene	15.592	252	137544	4.078	ng	97
92) Benzo(g,h,i)perylene	17.674	276	79022	2.290	ng	98

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

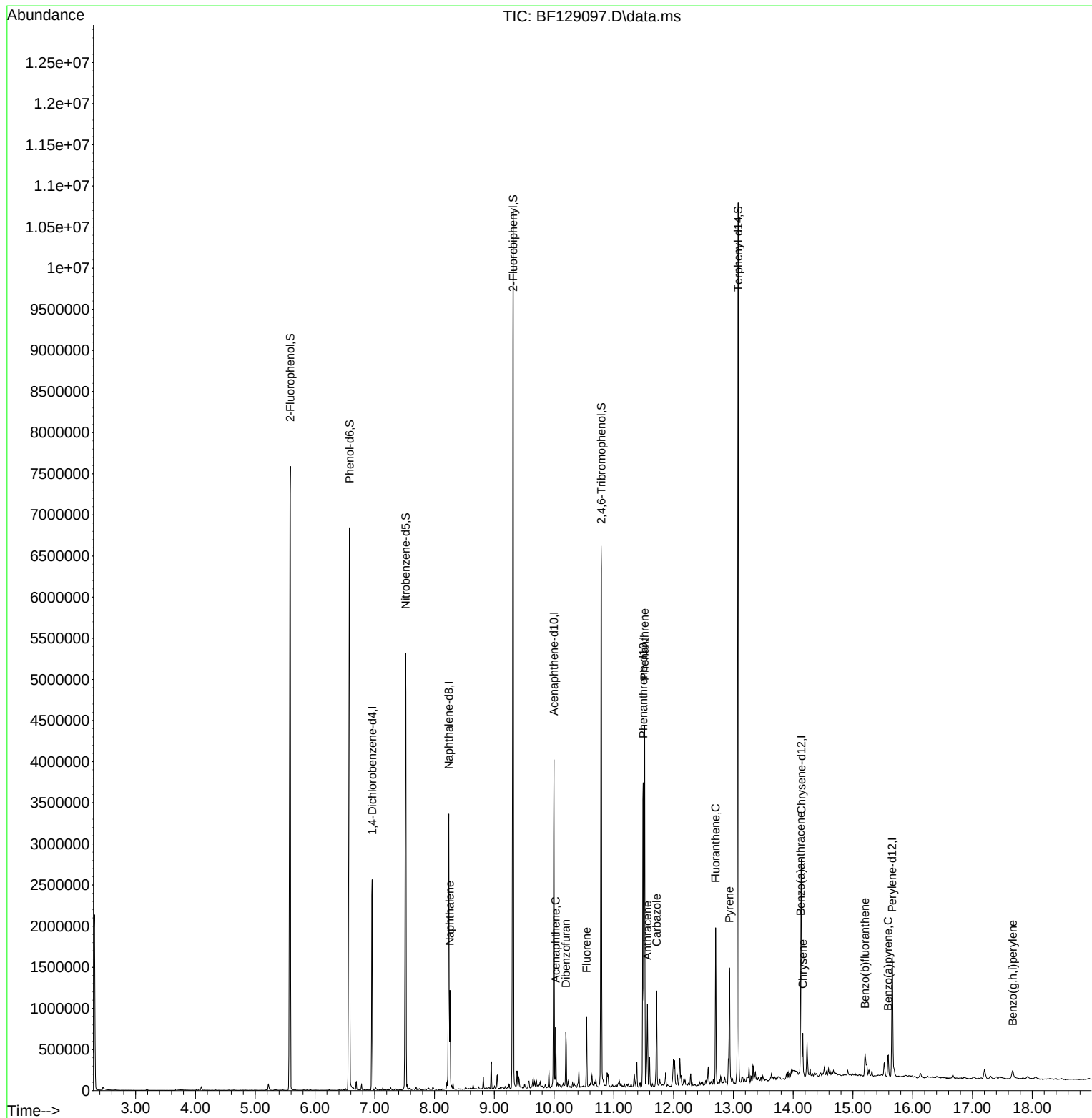
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129097.D
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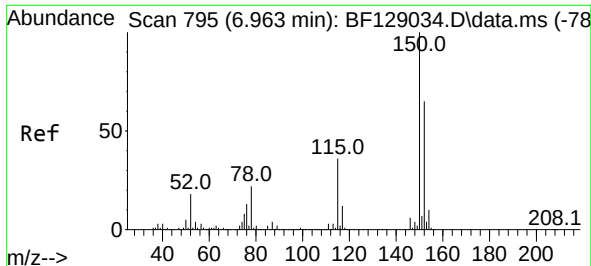
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Quant Time: Jul 02 01:26:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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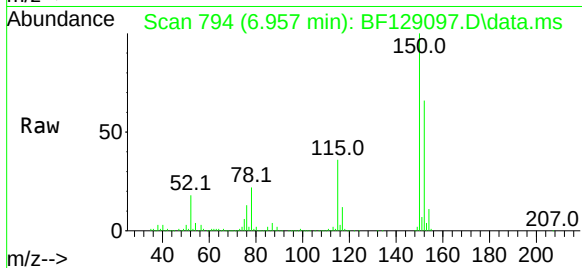
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

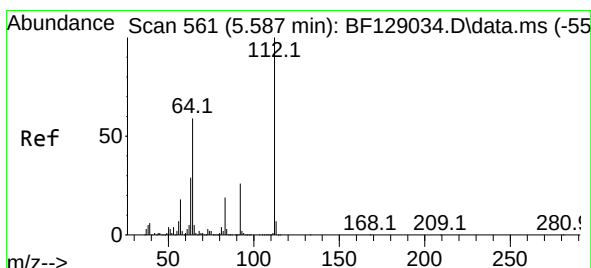
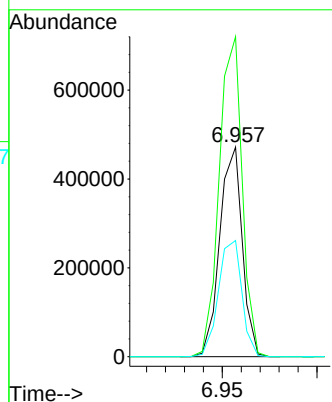
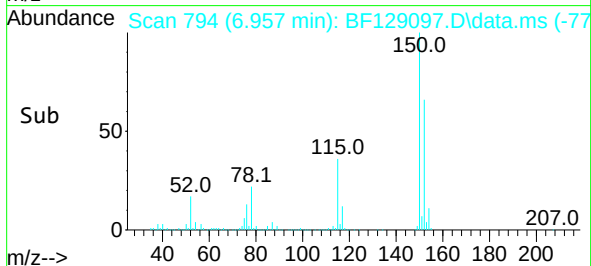
Instrument :
BNA_F
ClientSampleId :
SB-11B



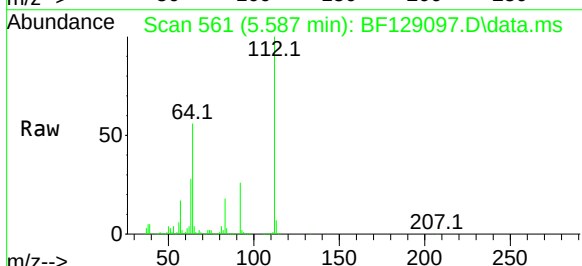
Tgt Ion:152 Resp: 389774
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 55.5 49.9 74.9

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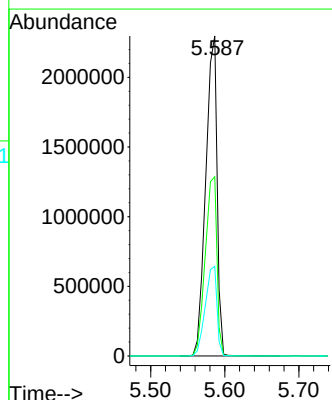
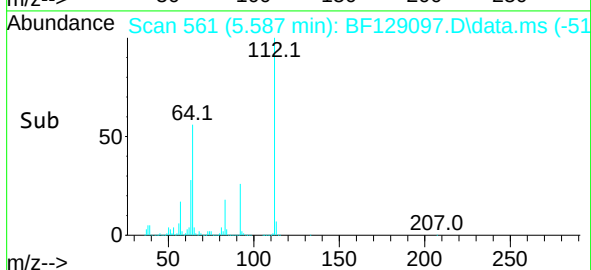
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

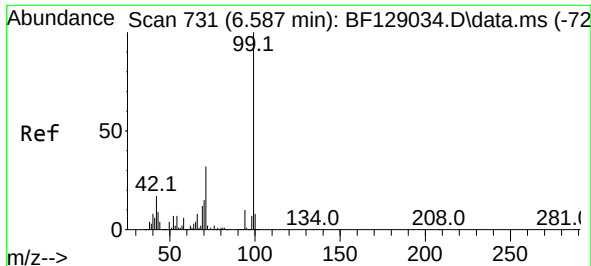


#5
2-Fluorophenol
Concen: 106.316 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



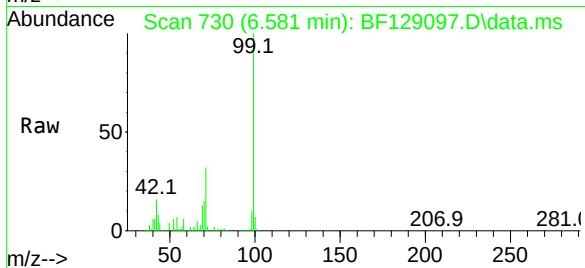
Tgt Ion:112 Resp: 2451116
Ion Ratio Lower Upper
112 100
64 56.0 53.3 79.9
63 28.0 28.0 42.0





#7
Phenol-d6
Concen: 107.518 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

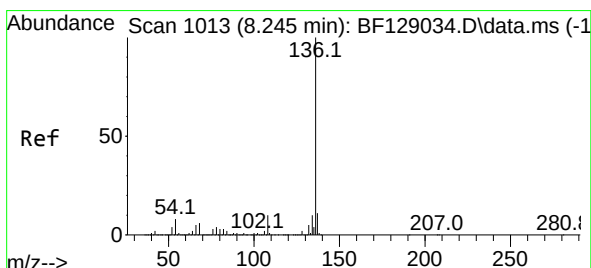
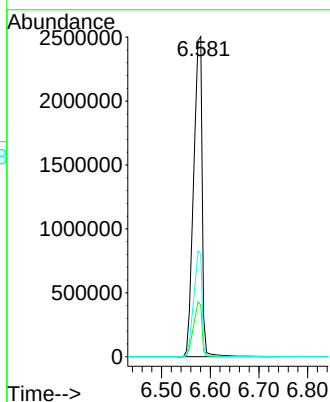
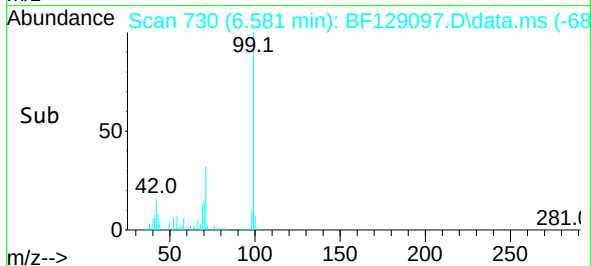
Instrument :
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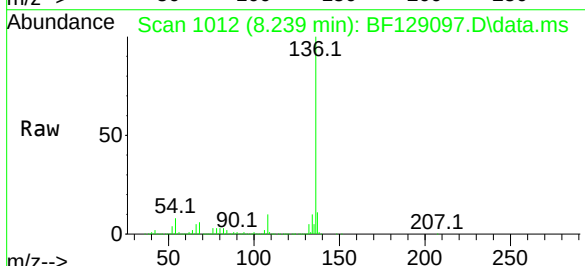
Tgt Ion: 99 Resp: 3078608
Ion Ratio Lower Upper
99 100
42 16.2 17.3 25.9
71 32.1 28.9 43.3

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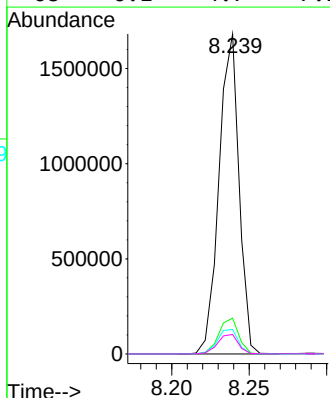
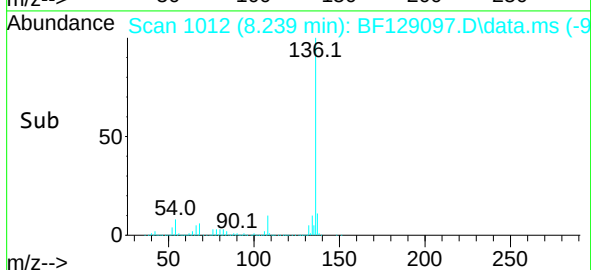
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

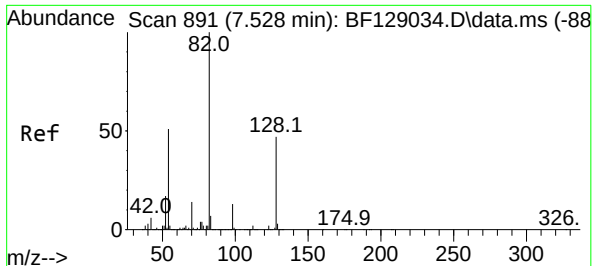


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



Tgt Ion:136 Resp: 1509272
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 7.5 11.3
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 77.274 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129097.D

Acq: 01 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-11B

Tgt Ion: 82 Resp: 1955314

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

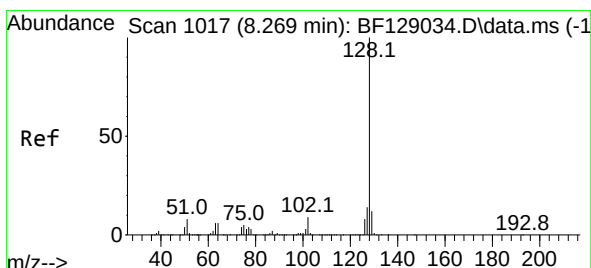
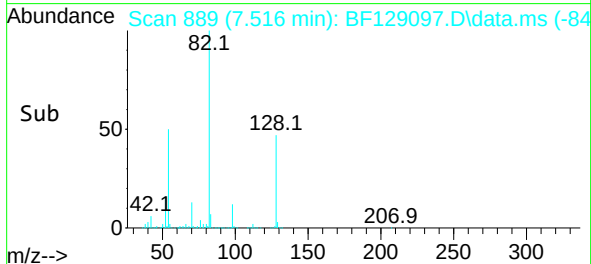
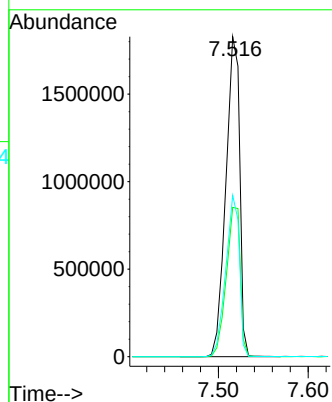
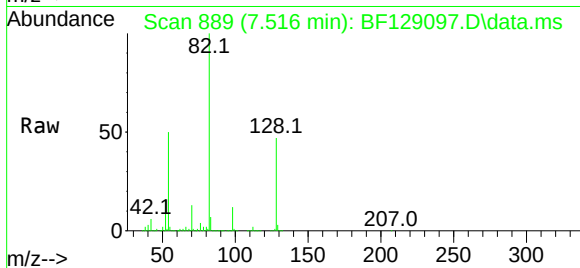
54 50.4 46.9 70.3

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#31

Naphthalene

Concen: 7.046 ng

RT: 8.257 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF129097.D

Acq: 01 Jul 2022 17:56

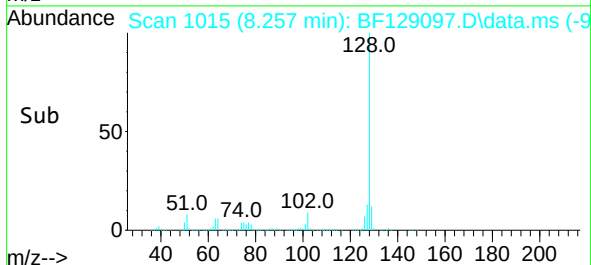
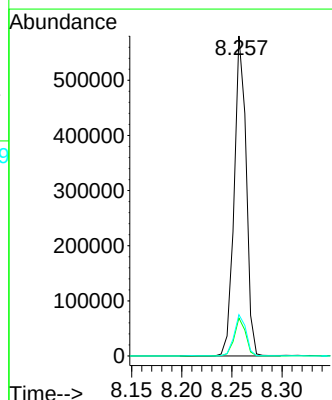
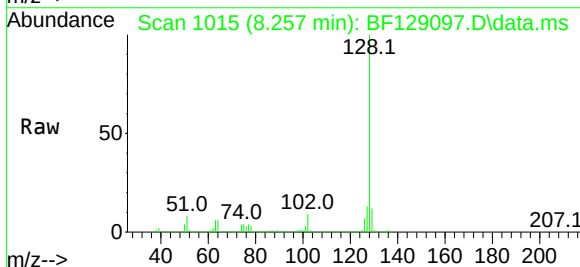
Tgt Ion:128 Resp: 482763

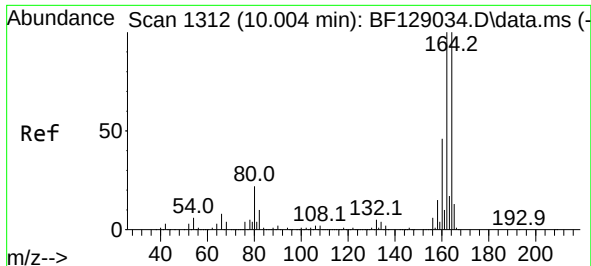
Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 12.9 10.5 15.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129097.D

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Tgt Ion:164 Resp: 792970

Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

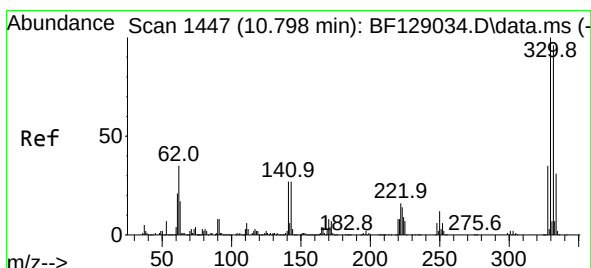
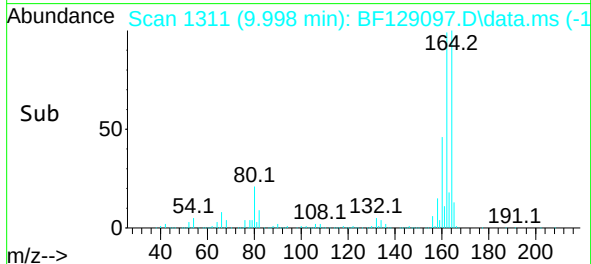
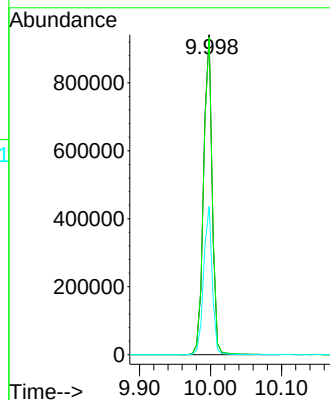
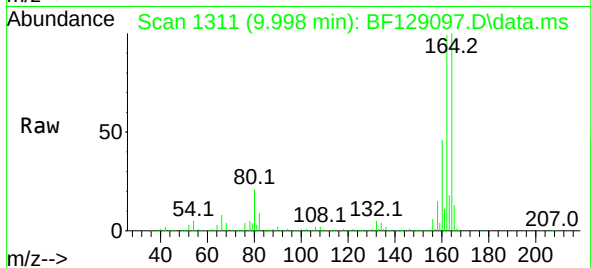
160 46.3 34.2 51.4

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#42

2,4,6-Tribromophenol

Concen: 108.843 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129097.D

Acq: 01 Jul 2022 17:56

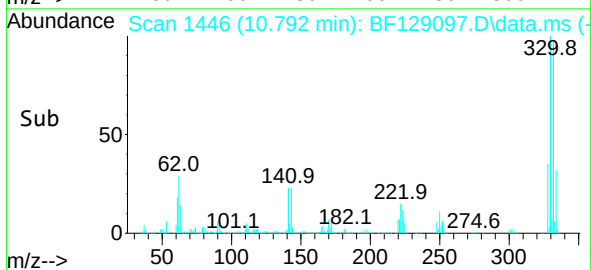
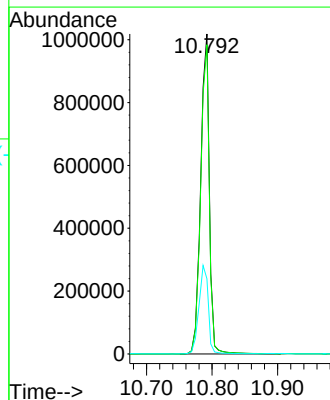
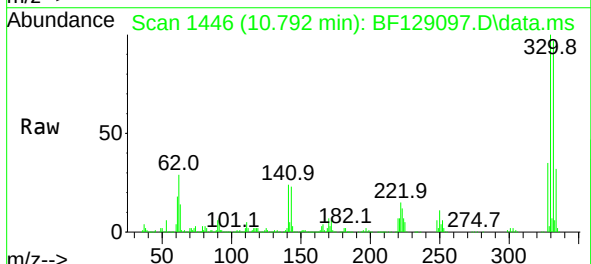
Tgt Ion:330 Resp: 938495

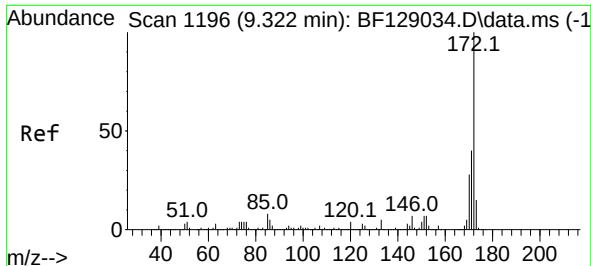
Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

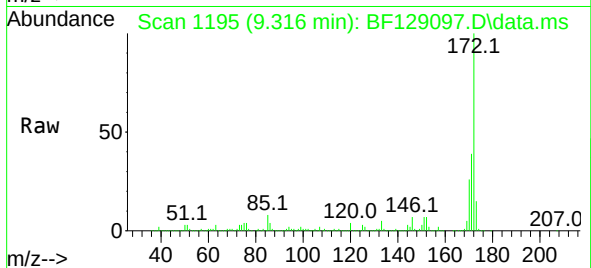
141 29.8 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 70.311 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

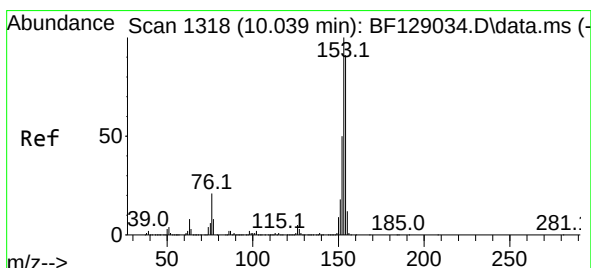
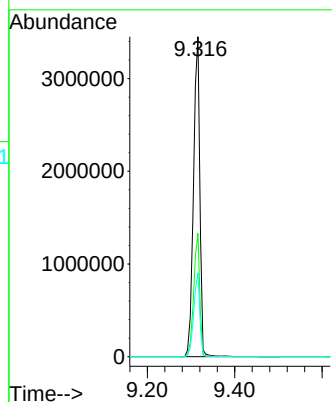
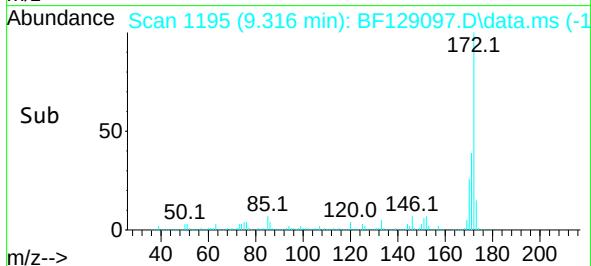
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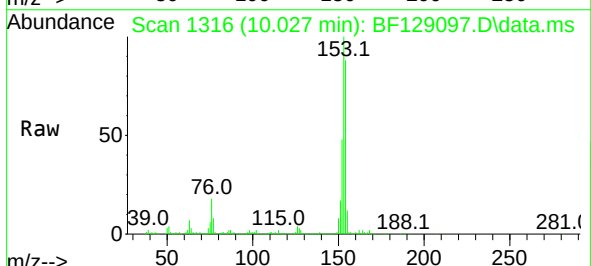
Tgt Ion:172 Resp: 3485120
Ion Ratio Lower Upper
172 100
171 38.6 28.8 43.2
170 26.3 19.8 29.8

Manual Integrations
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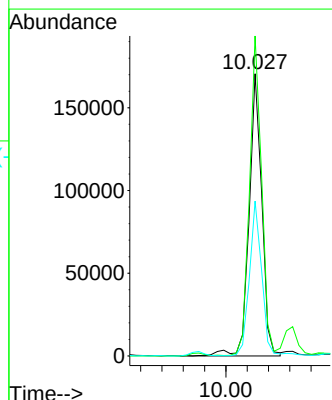
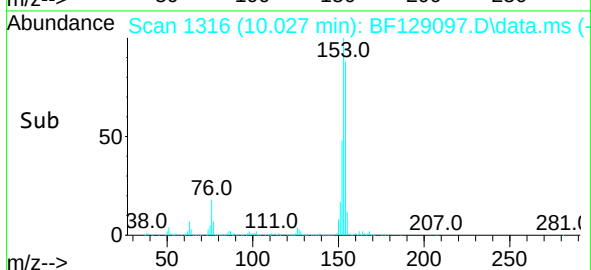
Reviewed By :Christian Giraldo 07/05/2022
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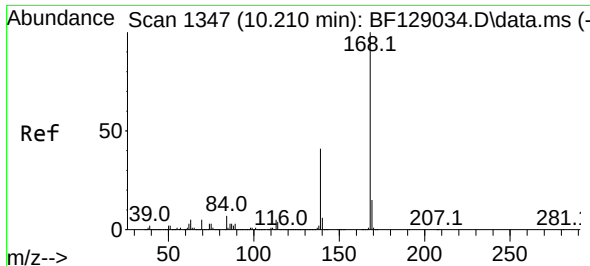


#52
Acenaphthene
Concen: 3.224 ng
RT: 10.027 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



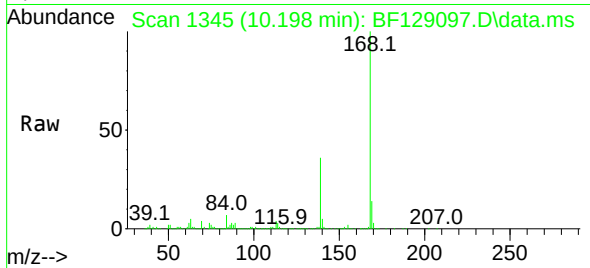
Tgt Ion:154 Resp: 140493
Ion Ratio Lower Upper
154 100
153 113.4 89.6 134.4
152 54.9 42.4 63.6





#55
Dibenzenofuran
Concen: 3.903 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

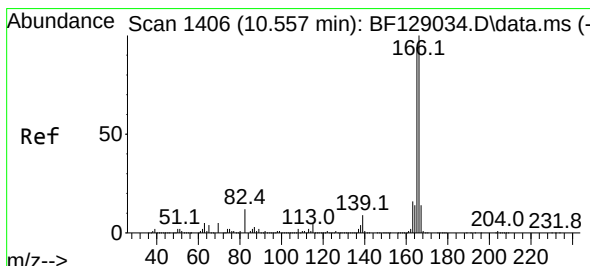
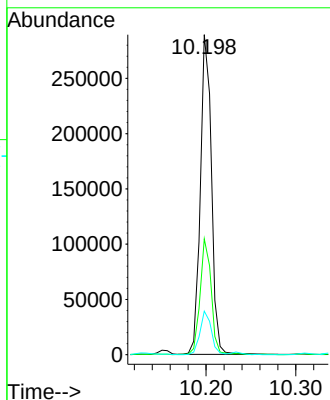
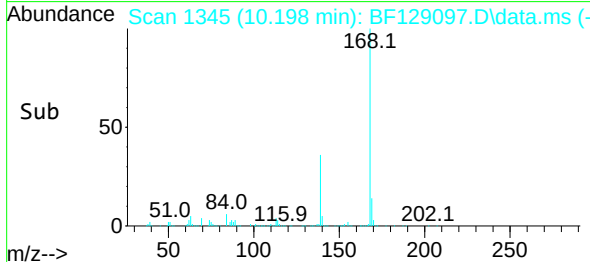
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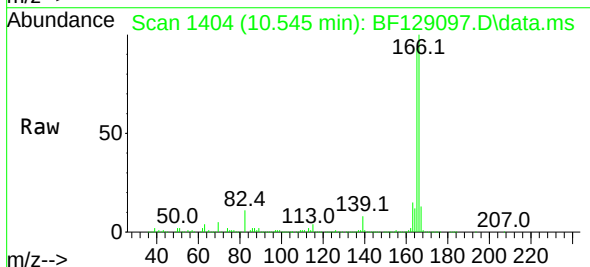
Tgt Ion:168 Resp: 24766
Ion Ratio Lower Upper
168 100
139 36.2 30.6 46.0
169 13.6 11.0 16.6

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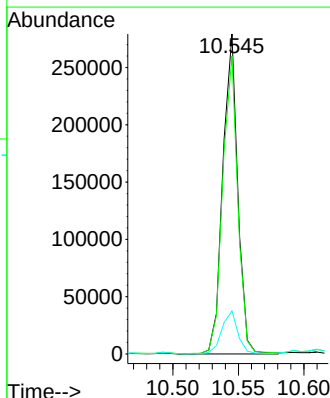
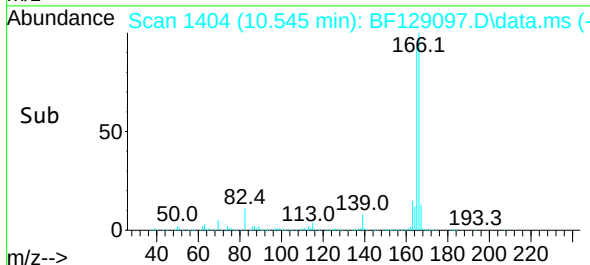
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

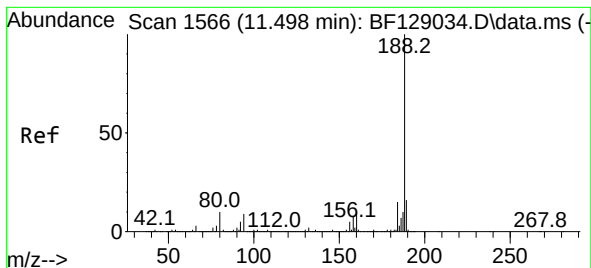


#58
Fluorene
Concen: 4.503 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



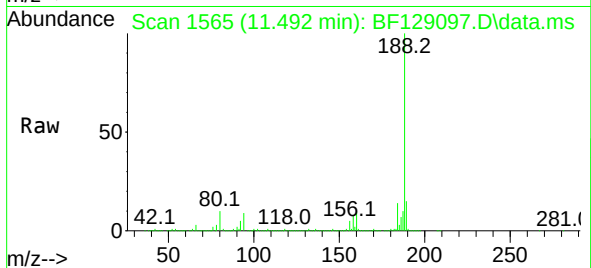
Tgt Ion:166 Resp: 221006
Ion Ratio Lower Upper
166 100
165 93.2 78.1 117.1
167 13.5 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

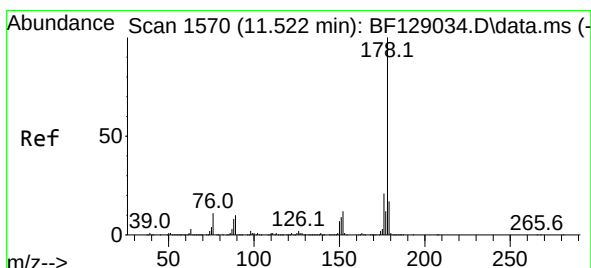
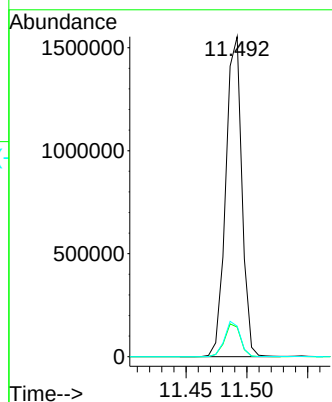
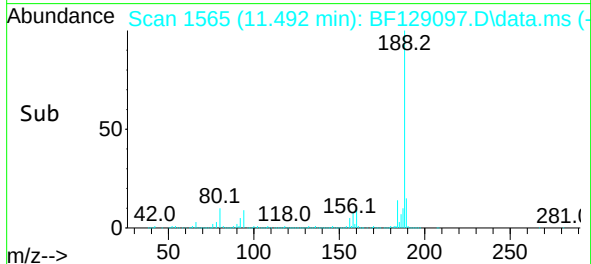
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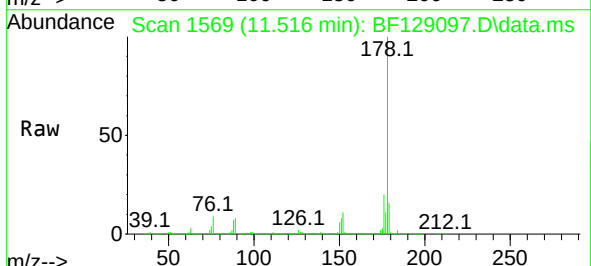
Tgt Ion:188 Resp: 143230
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

Manual Integrations
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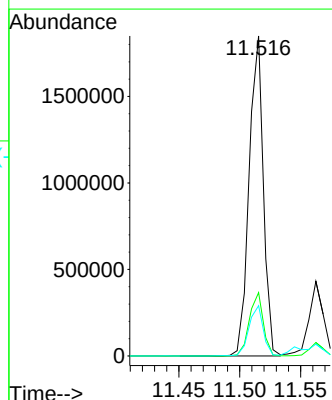
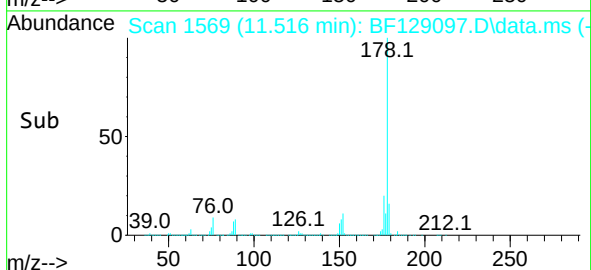
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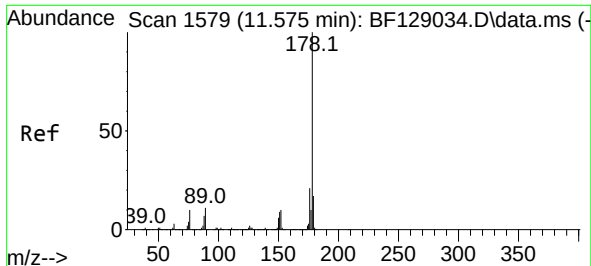


#71
Phenanthrene
Concen: 22.006 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



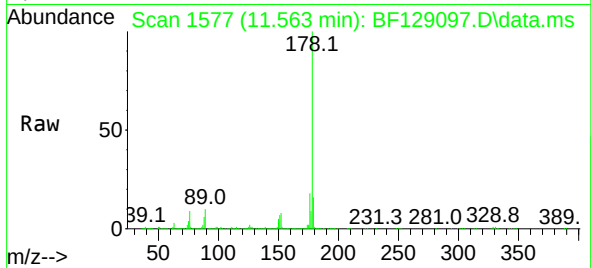
Tgt Ion:178 Resp: 1505998
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.6 19.0





#72
 Anthracene
 Concen: 4.965 ng
 RT: 11.563 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129097.D
 Acq: 01 Jul 2022 17:56

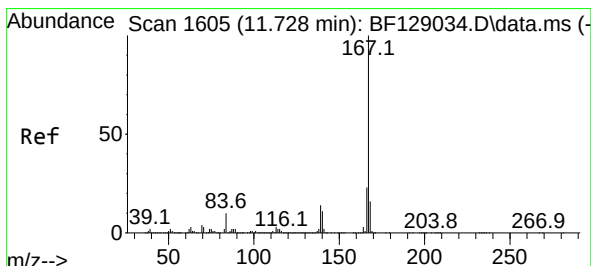
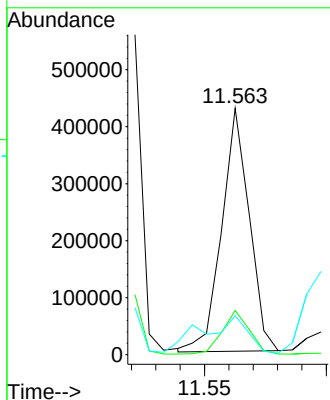
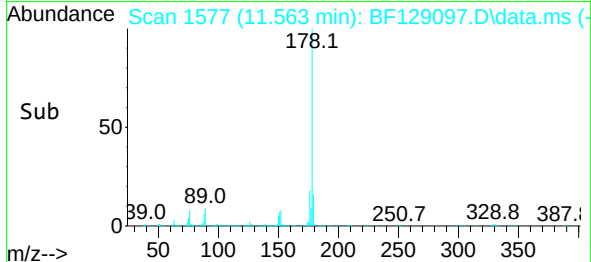
Instrument :
 BNA_F
 ClientSampleId :
 SB-11B



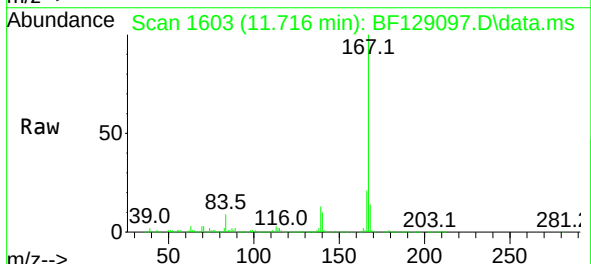
Tgt Ion:178 Resp: 334980
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 15.8 12.6 19.0

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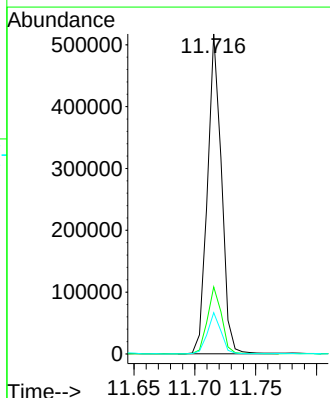
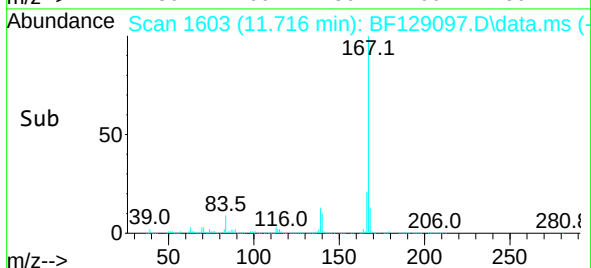
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

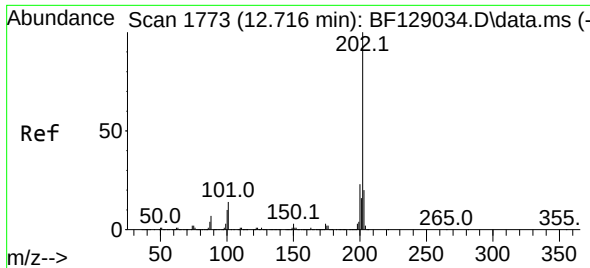


#73
 Carbazole
 Concen: 6.127 ng
 RT: 11.716 min Scan# 1603
 Delta R.T. -0.012 min
 Lab File: BF129097.D
 Acq: 01 Jul 2022 17:56



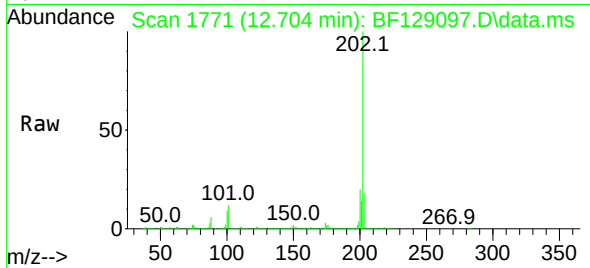
Tgt Ion:167 Resp: 414214
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.7 26.5
 139 12.9 11.2 16.8





#75
Fluoranthene
Concen: 9.796 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

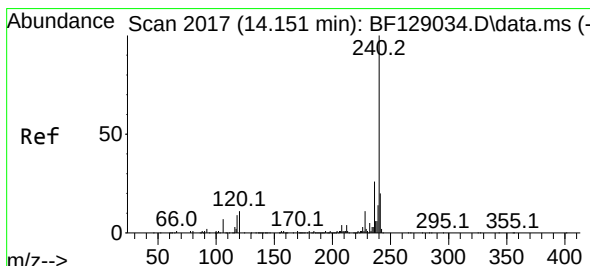
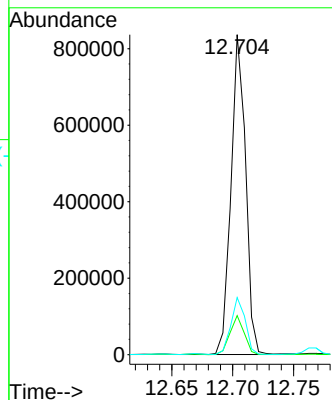
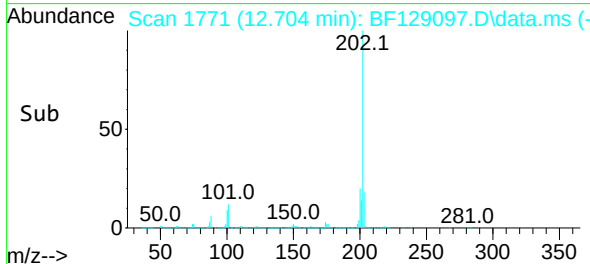
Instrument :
BNA_F
ClientSampleId :
SB-11B



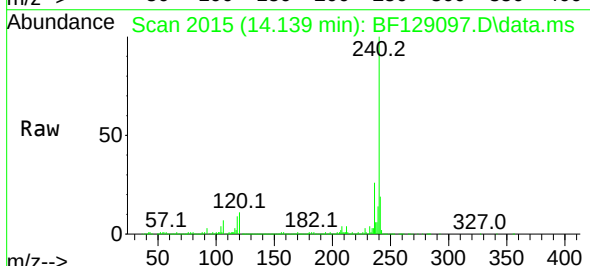
Tgt Ion:202 Resp: 70108
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 17.9 0.0 38.0

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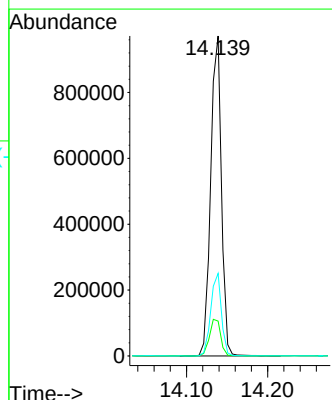
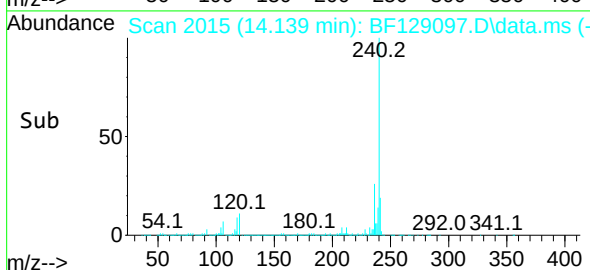
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

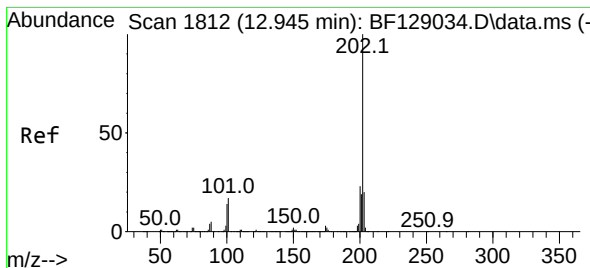


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



Tgt Ion:240 Resp: 889651
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 20.8 31.2





#78

Pyrene

Concen: 9.335 ng

RT: 12.933 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF129097.D

Acq: 01 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-11B

Tgt Ion:202 Resp: 57567

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

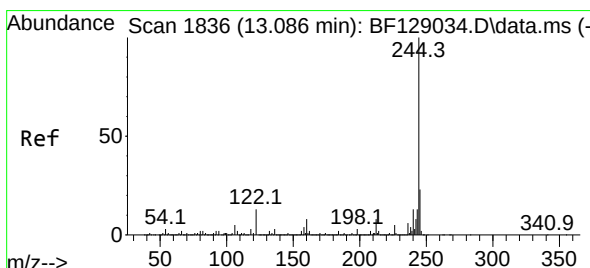
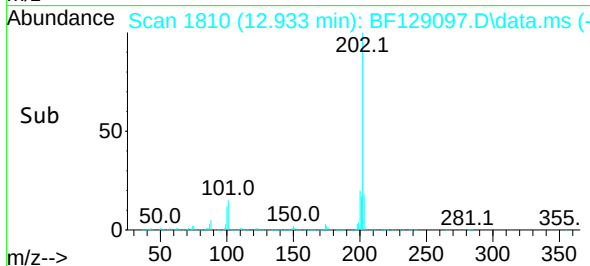
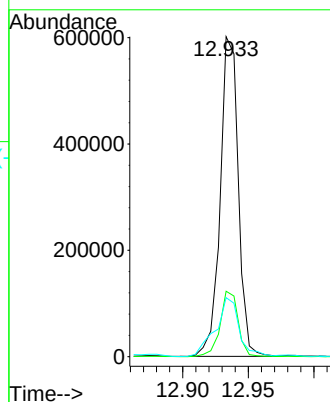
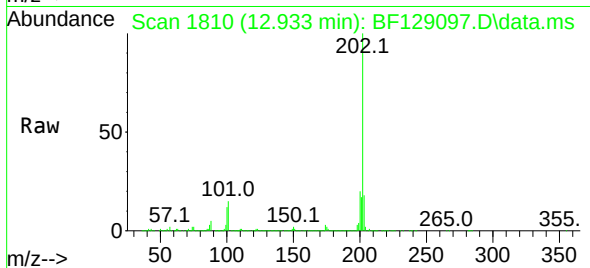
203 18.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#79

Terphenyl-d14

Concen: 86.704 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129097.D

Acq: 01 Jul 2022 17:56

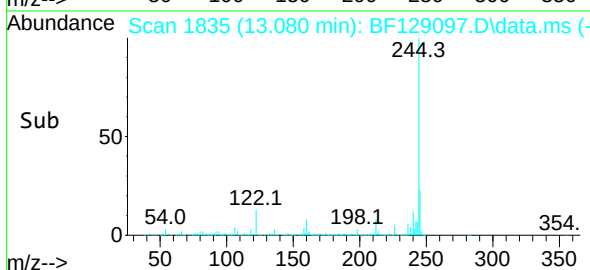
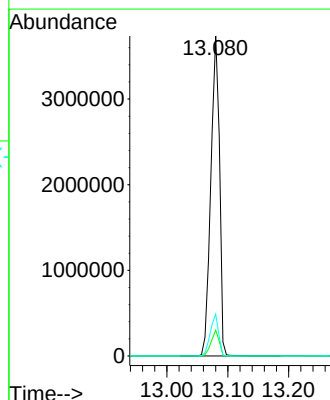
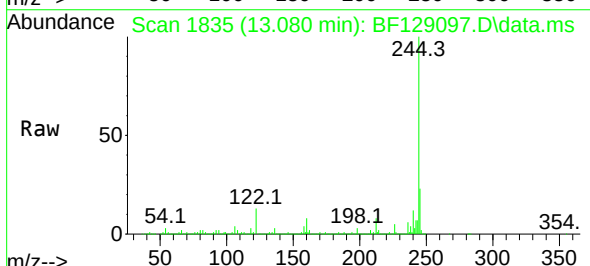
Tgt Ion:244 Resp: 3714480

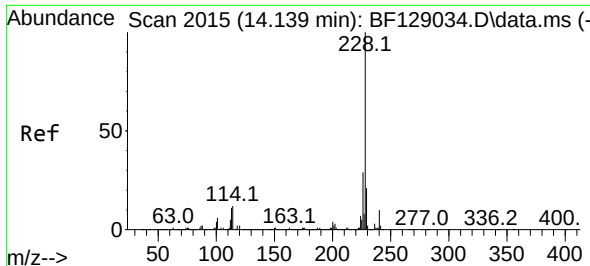
Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

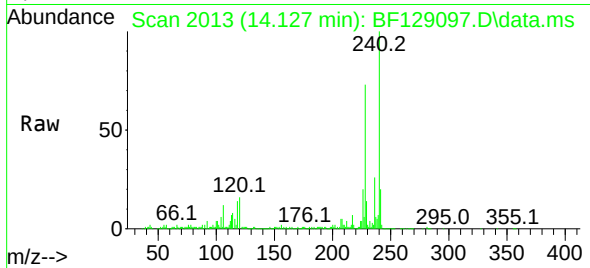
122 13.1 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.847 ng
RT: 14.127 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

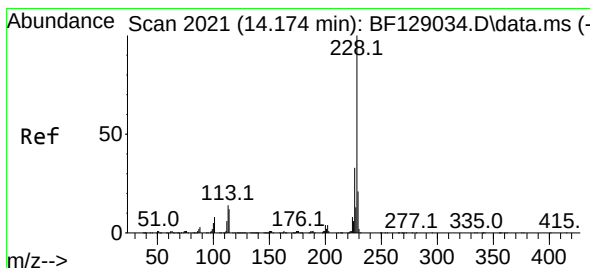
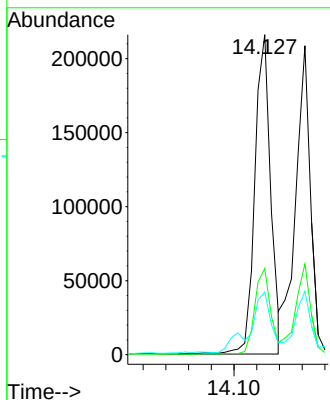
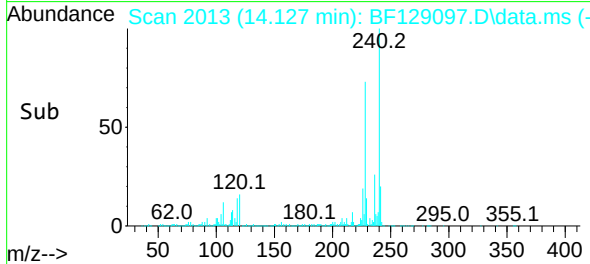
Instrument :
BNA_F
ClientSampleId :
SB-11B



Tgt Ion:228 Resp: 208960
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.6 15.8 23.8

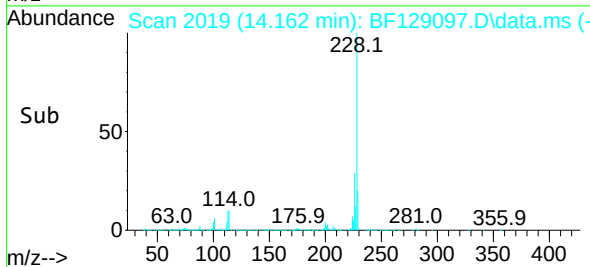
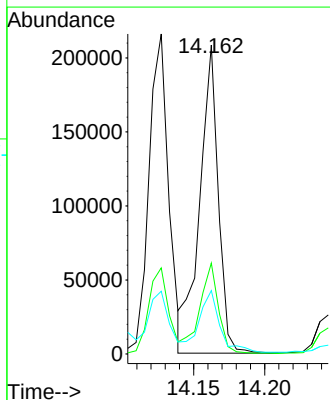
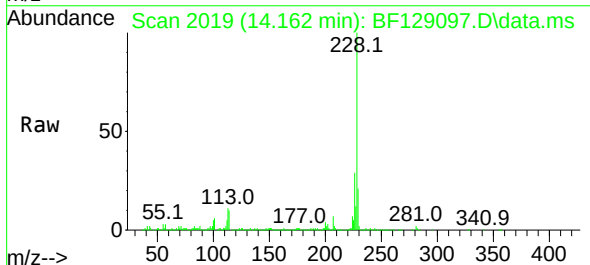
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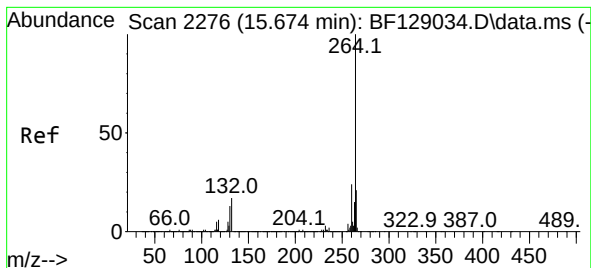
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#83
Chrysene
Concen: 3.780 ng
RT: 14.162 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

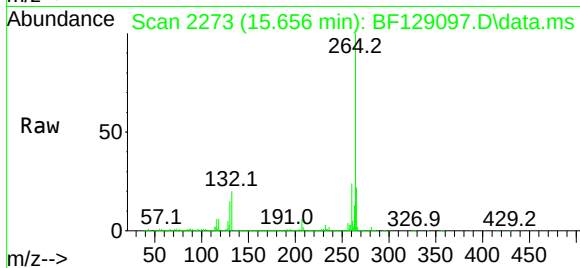
Tgt Ion:228 Resp: 190637
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 20.5 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

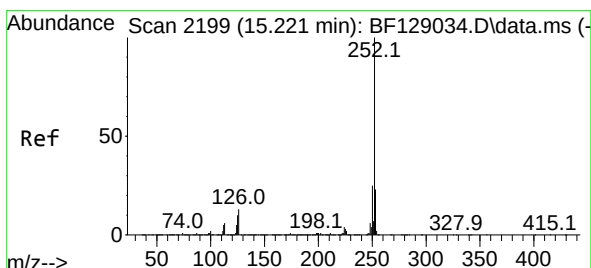
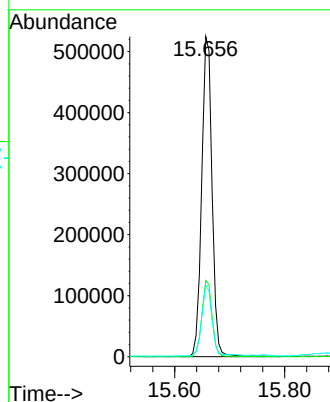
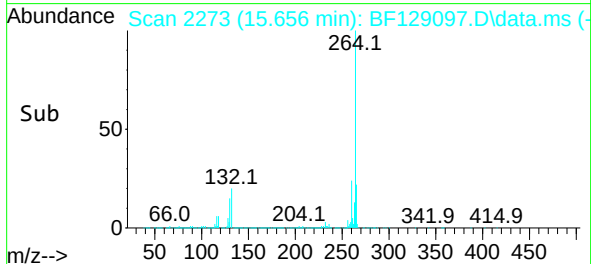
Instrument :
BNA_F
ClientSampleId :
SB-11B



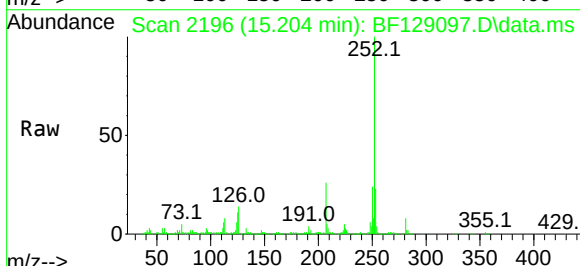
Tgt Ion:264 Resp: 68795
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.4 17.2 25.8

Manual Integrations
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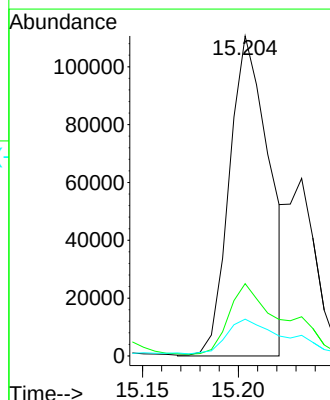
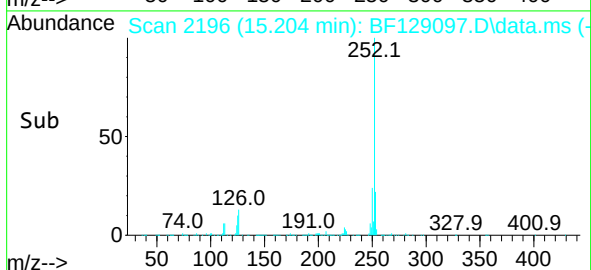
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

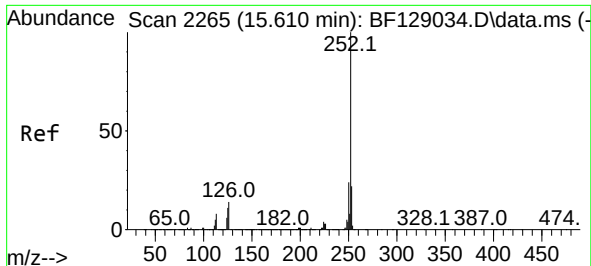


#88
Benzo(b)fluoranthene
Concen: 3.855 ng m
RT: 15.204 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



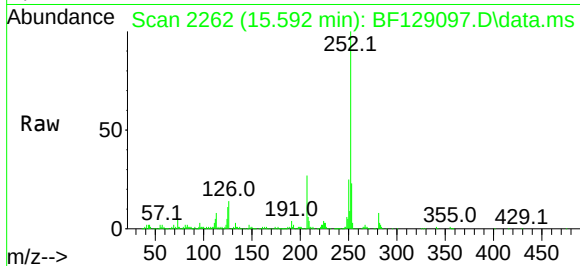
Tgt Ion:252 Resp: 159476
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.5 8.0 12.0





#90
Benzo(a)pyrene
Concen: 4.078 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56

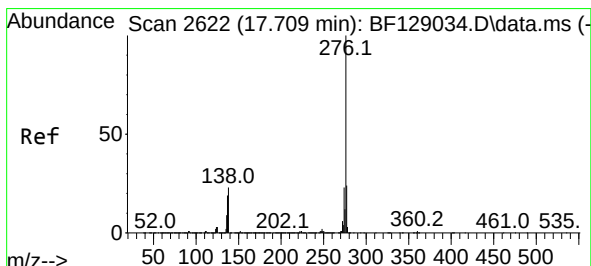
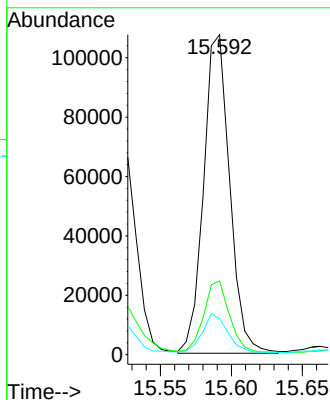
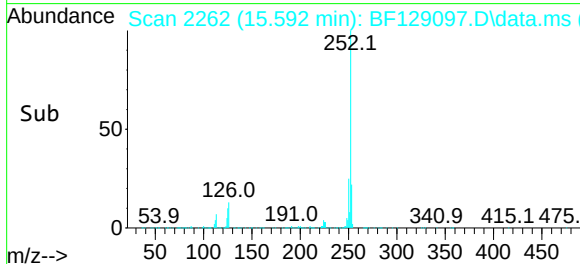
Instrument :
BNA_F
ClientSampleId :
SB-11B



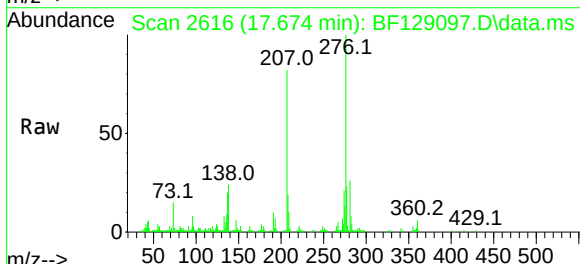
Tgt Ion:252 Resp: 137544
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 11.3 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#92
Benzo(g,h,i)perylene
Concen: 2.290 ng
RT: 17.674 min Scan# 2616
Delta R.T. -0.036 min
Lab File: BF129097.D
Acq: 01 Jul 2022 17:56



Tgt Ion:276 Resp: 79022
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 23.6 18.0 27.0

