

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129108.D
 Acq On : 01 Jul 2022 23:29
 Operator : CG\JU
 Sample : N3562-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10B

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 01:27:40 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	343756	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1264361	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	606386	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	880570	20.000	ng	0.00
76) Chrysene-d12	14.139	240	695588	20.000	ng	-0.01
86) Perylene-d12	15.668	264	589334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1542189	75.847	ng	-0.01
7) Phenol-d6	6.575	99	1921401	76.086	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1163104	54.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	403532	61.201	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2000531	52.779	ng	0.00
79) Terphenyl-d14	13.080	244	1495635	44.651	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	403567	9.592	ng	99
72) Anthracene	11.563	178	98218	2.368	ng	98
75) Fluoranthene	12.710	202	766853	17.428	ng	99
78) Pyrene	12.939	202	775415	16.082	ng	98
81) Benzo(a)anthracene	14.127	228	406173	9.563	ng	95
83) Chrysene	14.168	228	387608	9.831	ng	97
87) Indeno(1,2,3-cd)pyrene	17.221	276	144046	3.985	ng	95
88) Benzo(b)fluoranthene	15.209	252	447648m	12.630	ng	
89) Benzo(k)fluoranthene	15.239	252	113808m	3.311	ng	
90) Benzo(a)pyrene	15.598	252	291477	10.088	ng	# 92
92) Benzo(g,h,i)perylene	17.692	276	130644	4.419	ng	97

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

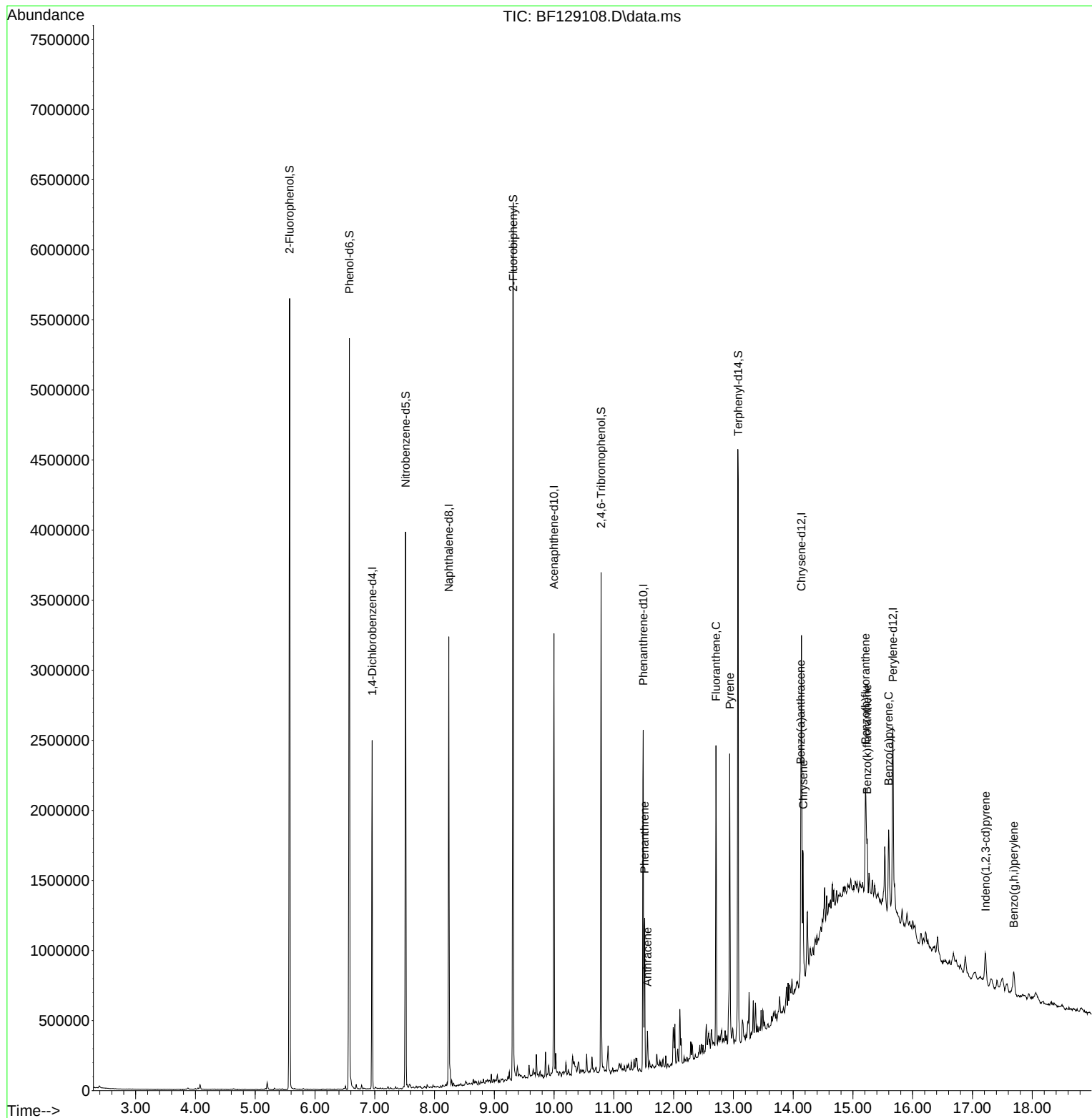
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129108.D
Acq On : 01 Jul 2022 23:29
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ALS Vial : 18 Sample Multiplier: 1

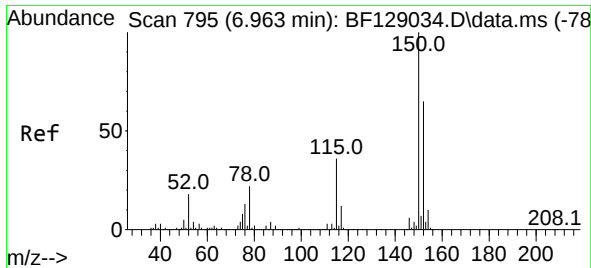
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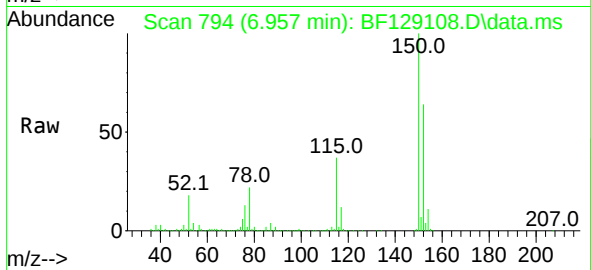
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

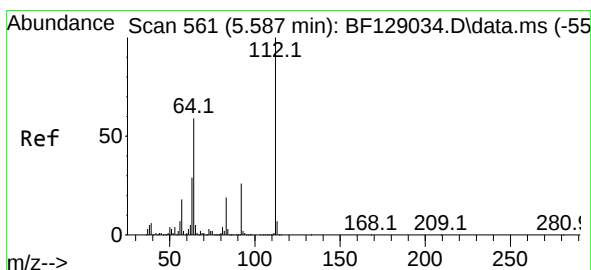
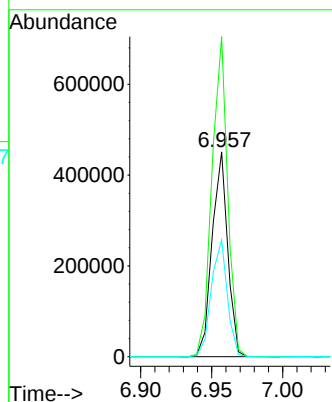
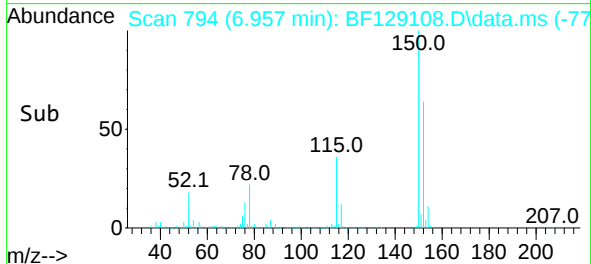
Instrument :
BNA_F
ClientSampleId :
SB-10B



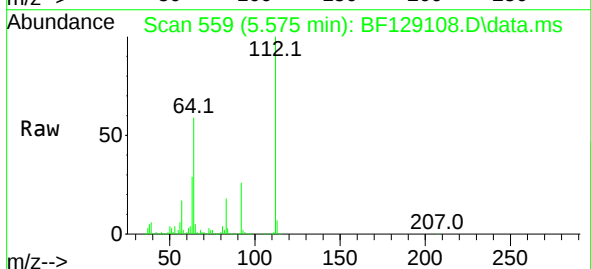
Tgt Ion:152 Resp: 343750
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 57.1 49.9 74.9

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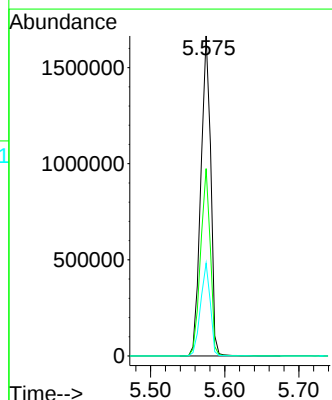
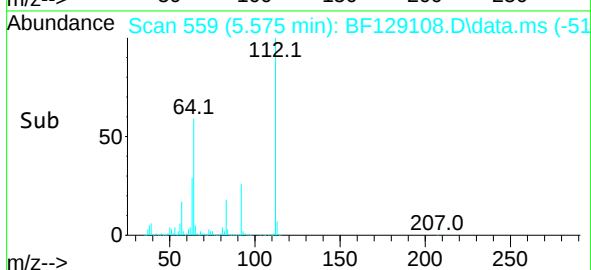
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

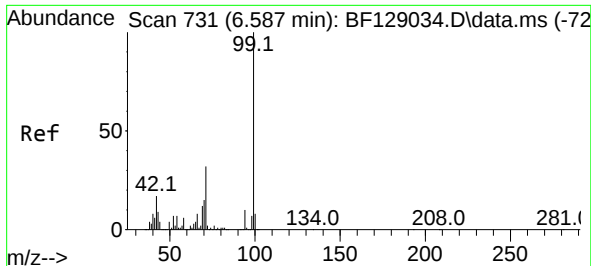


#5
2-Fluorophenol
Concen: 75.847 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29



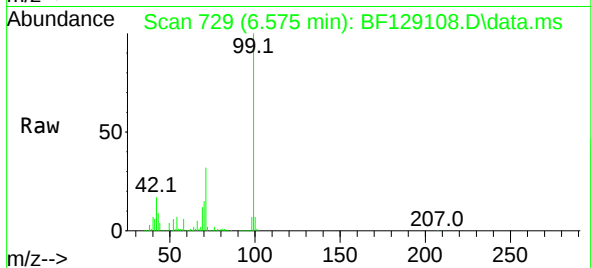
Tgt Ion:112 Resp: 1542189
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 29.0 28.0 42.0





#7
Phenol-d6
Concen: 76.086 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

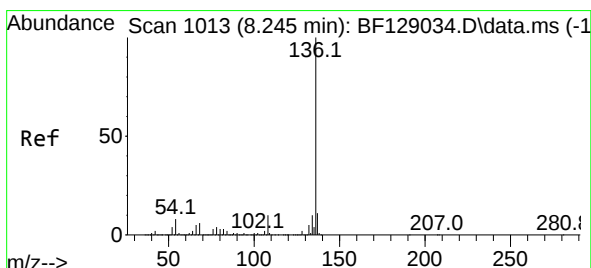
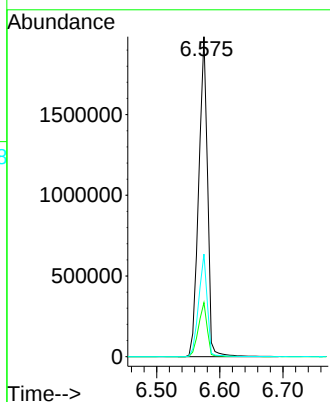
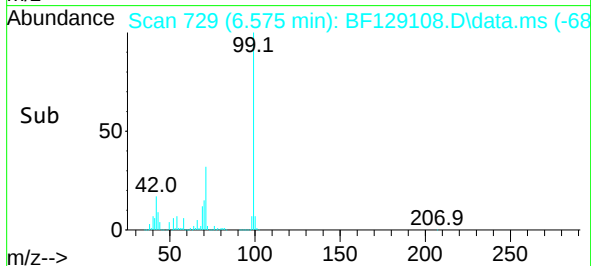
Instrument :
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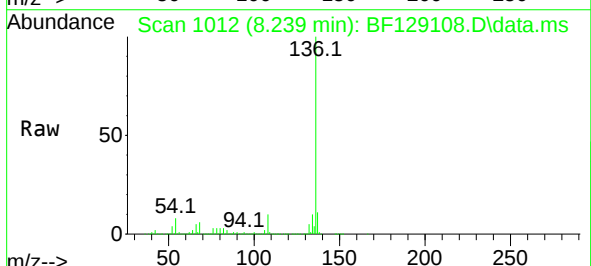
Tgt Ion: 99 Resp: 192140
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9
71 32.0 28.9 43.3

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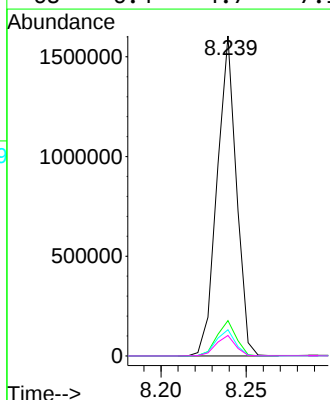
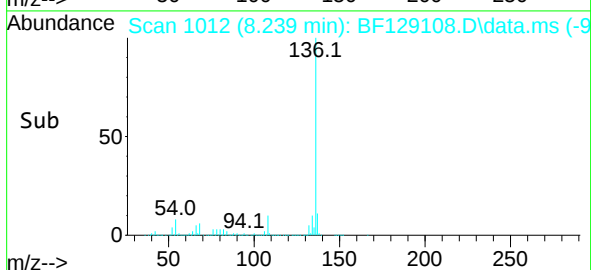
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

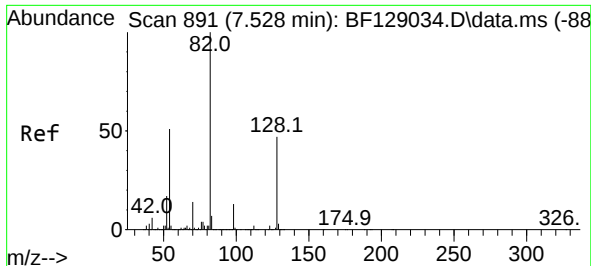


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29



Tgt Ion:136 Resp: 1264361
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 54.870 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

Tgt Ion: 82 Resp: 1163104

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

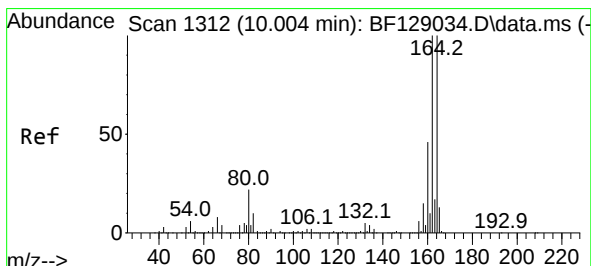
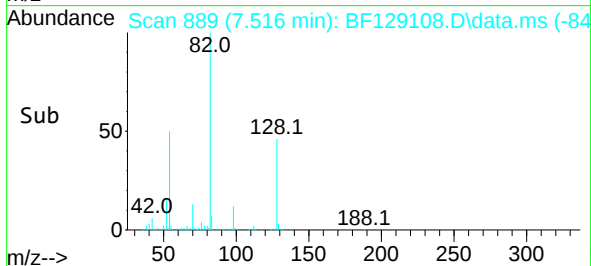
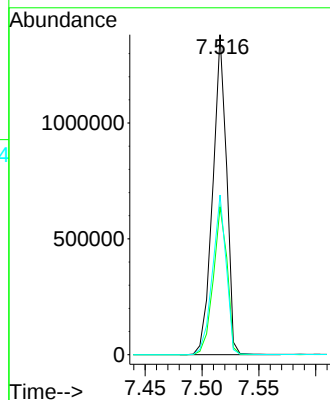
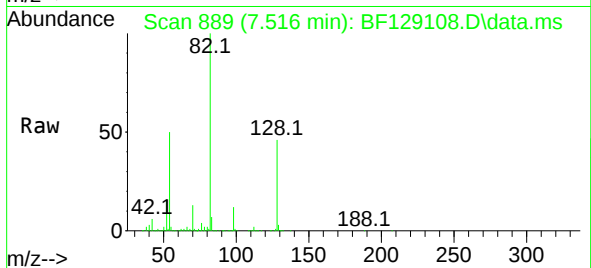
54 49.9 46.9 70.3

Manual Integrations

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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: BF129108.D

Acq: 01 Jul 2022 23:29

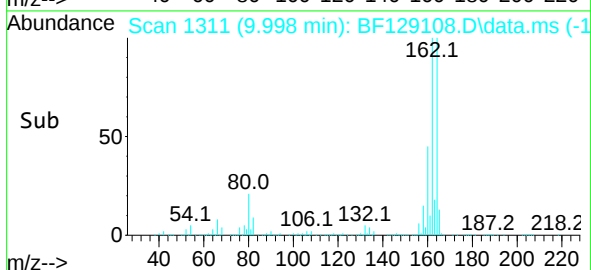
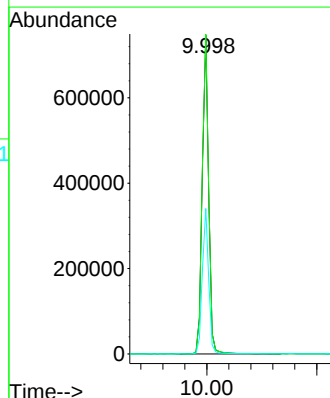
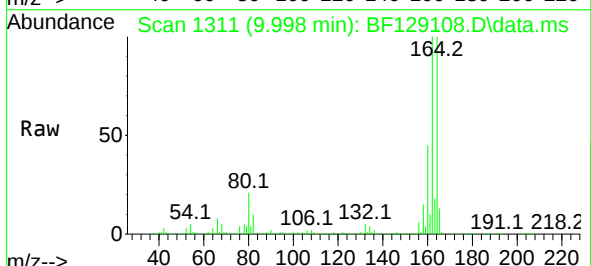
Tgt Ion:164 Resp: 606386

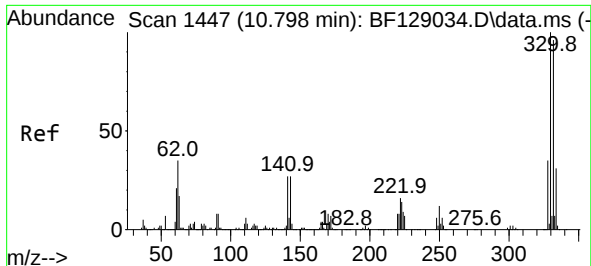
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

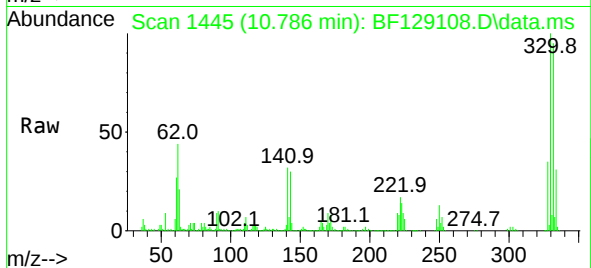
160 45.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 61.201 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

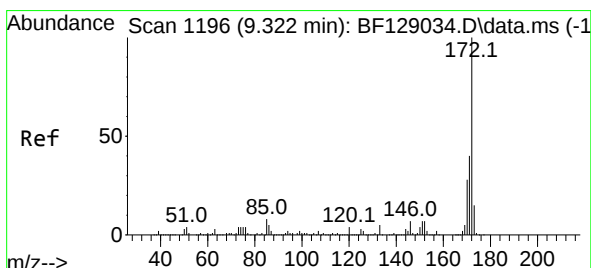
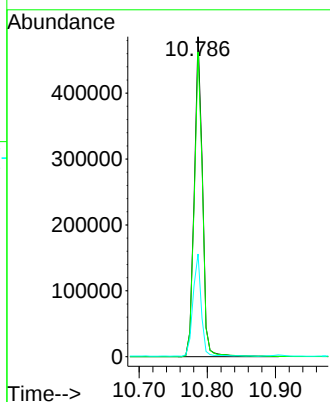
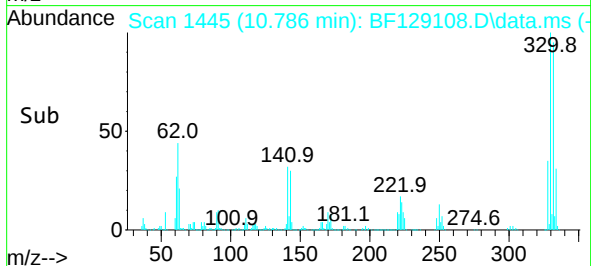
Instrument :
BNA_F
ClientSampleId :
SB-10B



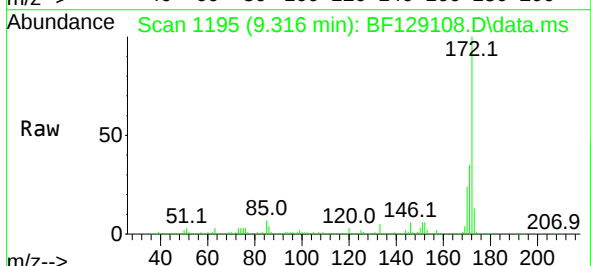
Tgt Ion:330 Resp: 403531
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 31.9 28.0 42.0

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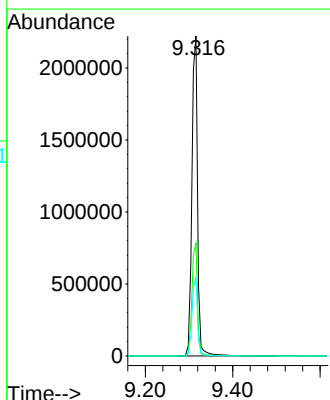
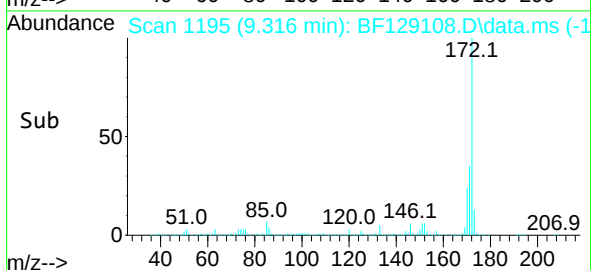
Reviewed By :Christian Giraldo 07/05/2022
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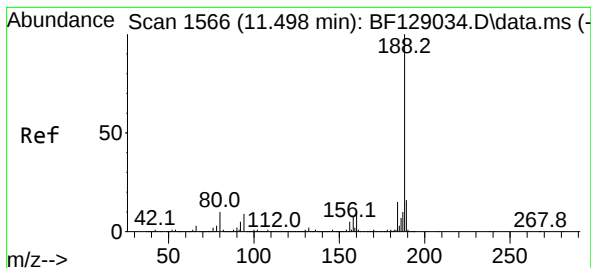


#45
2-Fluorobiphenyl
Concen: 52.779 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29



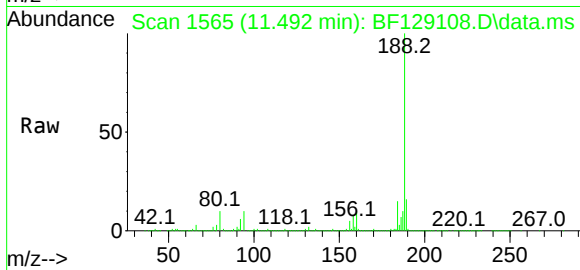
Tgt Ion:172 Resp: 2000531
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

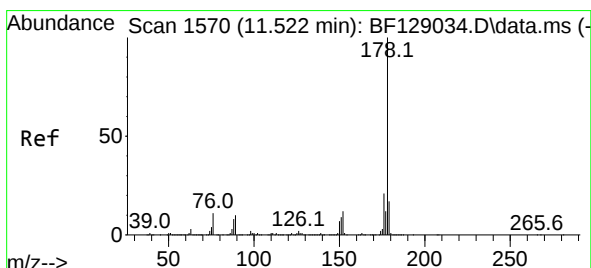
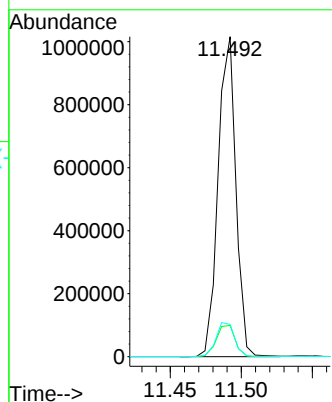
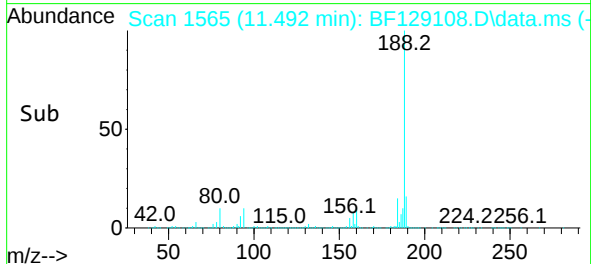
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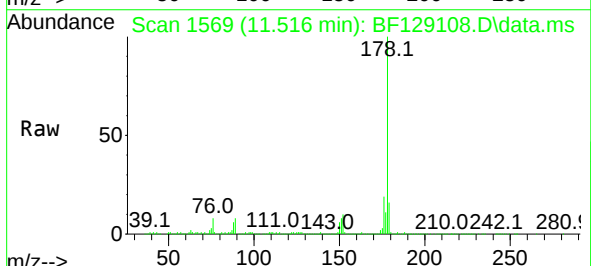
Tgt Ion:188 Resp: 880570
Ion Ratio Lower Upper
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94 9.8 7.0 10.6
80 10.1 7.6 11.4

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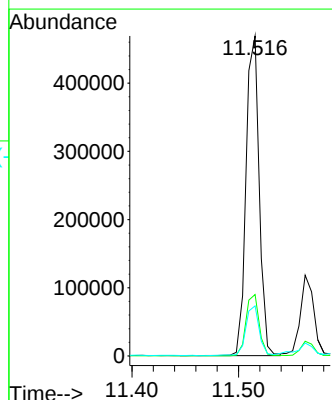
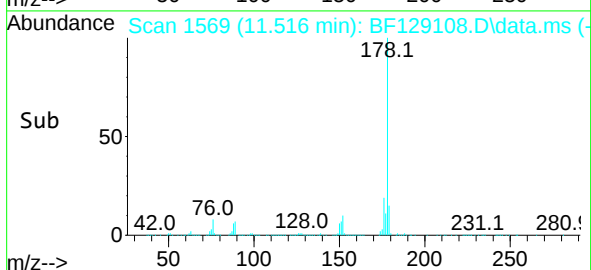
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

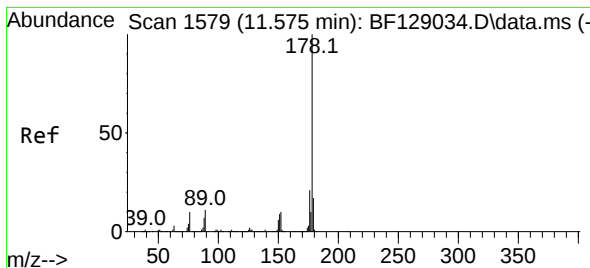


#71
Phenanthrene
Concen: 9.592 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29



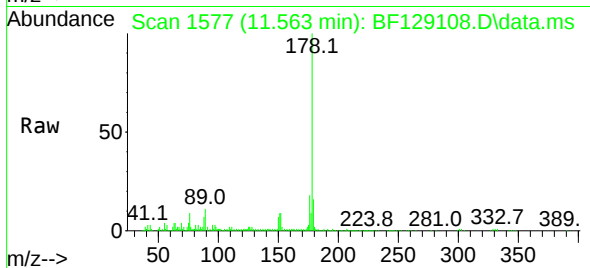
Tgt Ion:178 Resp: 403567
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 12.6 19.0





#72
 Anthracene
 Concen: 2.368 ng
 RT: 11.563 min Scan# 1157
 Delta R.T. -0.012 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

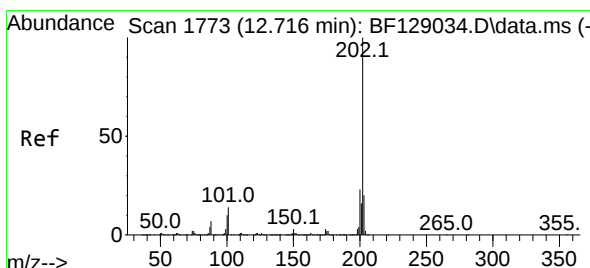
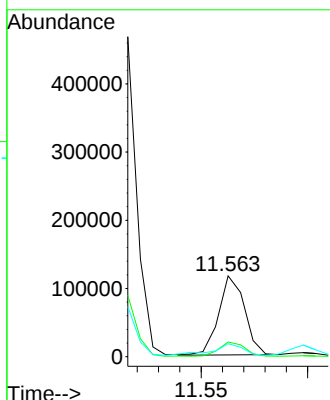
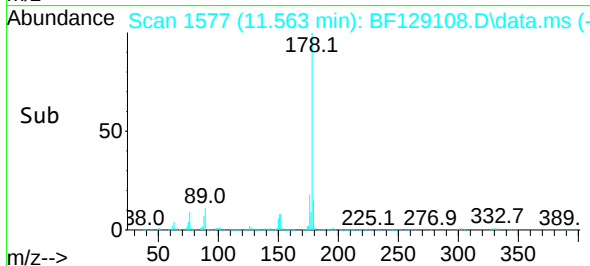
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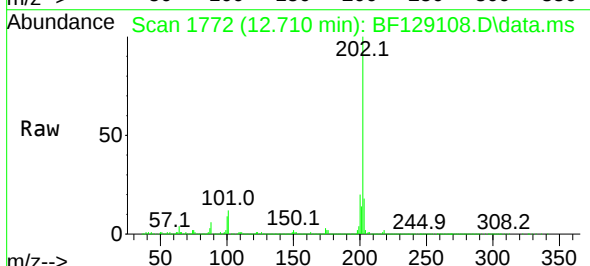
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 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 16.1 12.6 19.0

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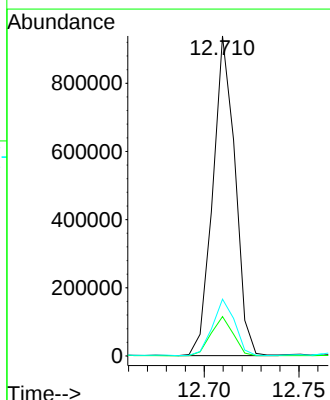
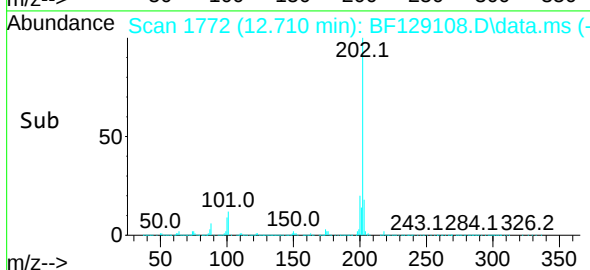
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

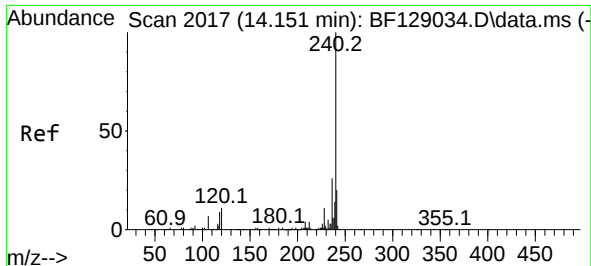


#75
 Fluoranthene
 Concen: 17.428 ng
 RT: 12.710 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29



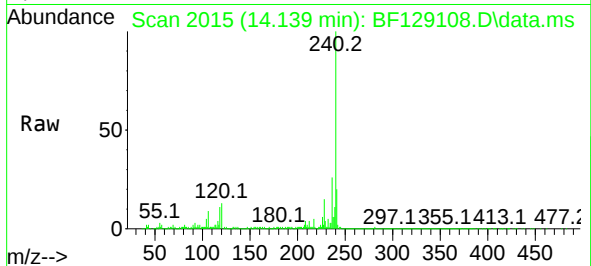
Tgt Ion:202 Resp: 766853
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.4
 203 17.8 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

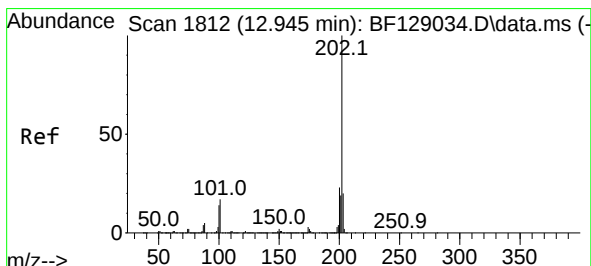
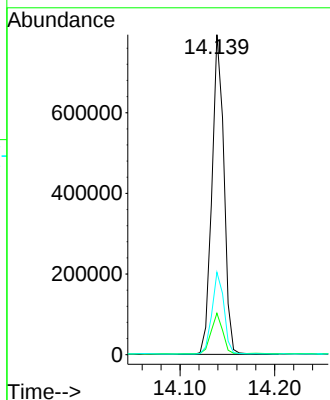
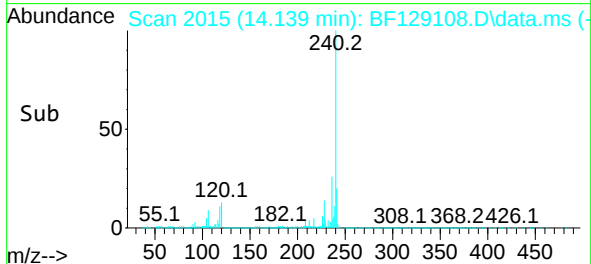
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:240 Resp: 695588
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.8 20.8 31.2

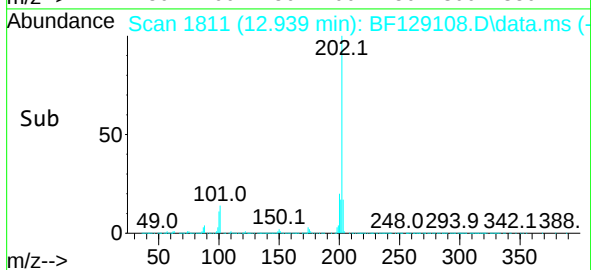
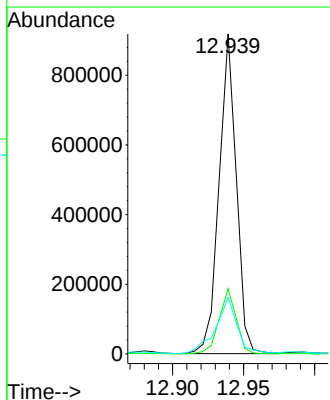
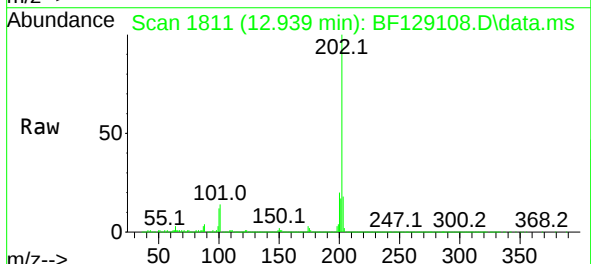
Manual Integrations
APPROVED

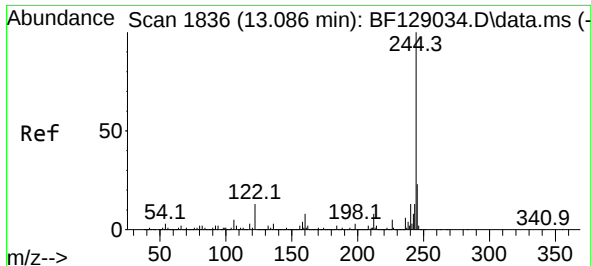
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#78
Pyrene
Concen: 16.082 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

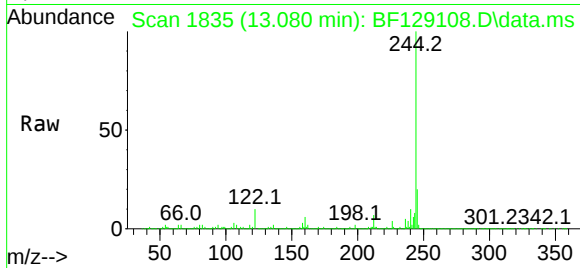
Tgt Ion:202 Resp: 775415
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 44.651 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

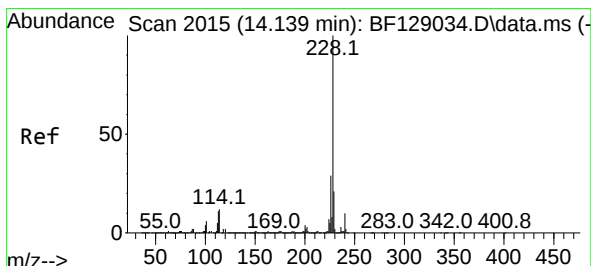
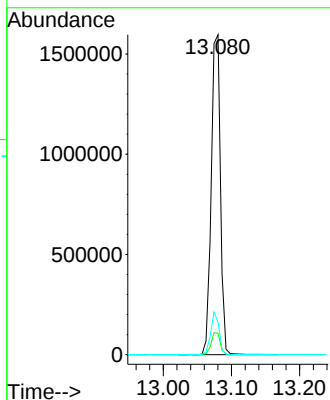
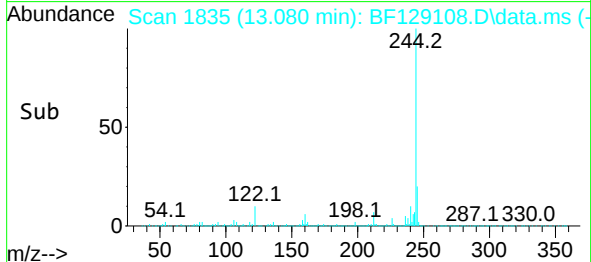
Instrument :
 BNA_F
 ClientSampleId :
 SB-10B



Tgt Ion:244 Resp: 1495638
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.2 8.8 13.2

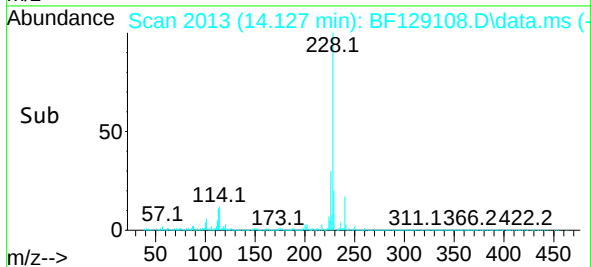
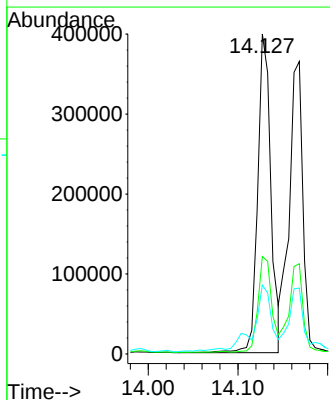
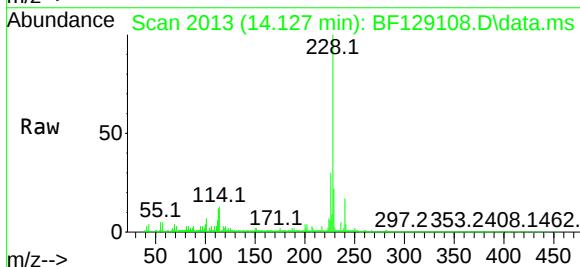
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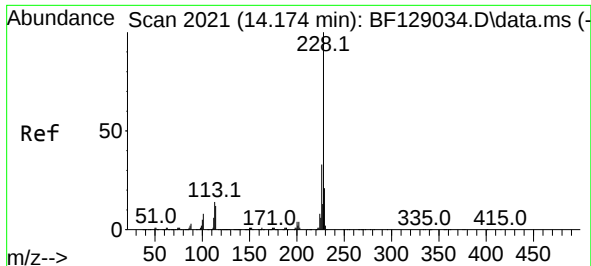
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022



#81
 Benzo(a)anthracene
 Concen: 9.563 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

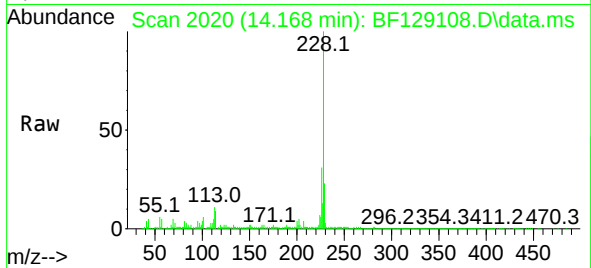
Tgt Ion:228 Resp: 406173
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.1 33.1
 229 21.5 15.8 23.8





#83
Chrysene
Concen: 9.831 ng
RT: 14.168 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

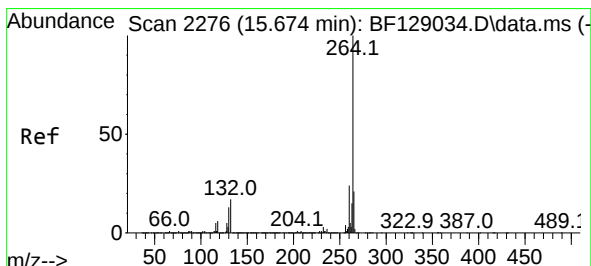
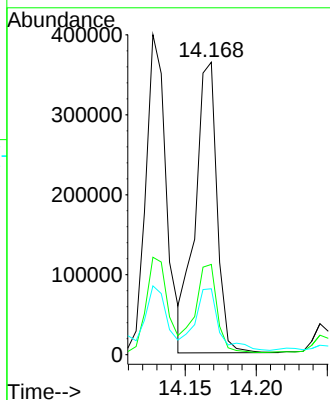
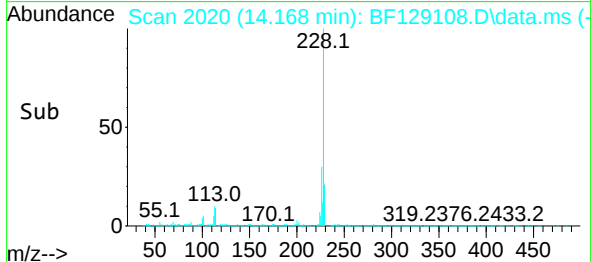
Instrument :
BNA_F
Client Sample Id :
SB-10B



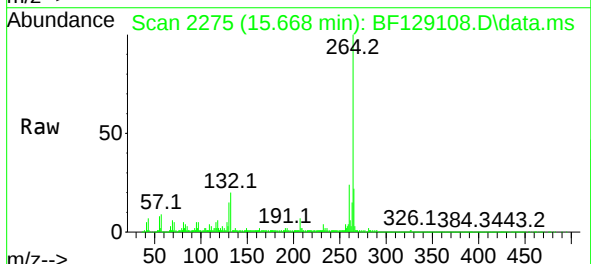
Tgt Ion: 228 Resp: 387608
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.5 15.9 23.9

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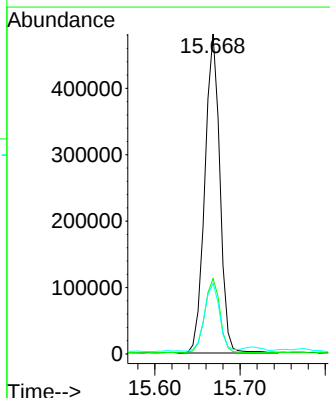
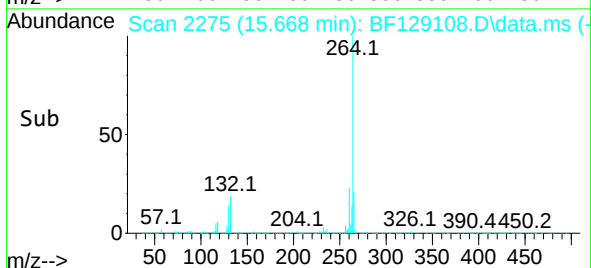
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022

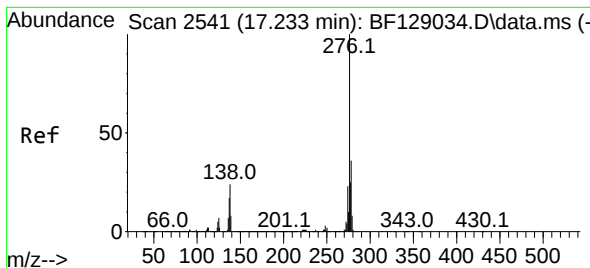


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29



Tgt Ion: 264 Resp: 589334
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.985 ng

RT: 17.221 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

Tgt Ion:276 Resp: 144040

Ion Ratio Lower Upper

276 100

138 23.0 21.1 31.7

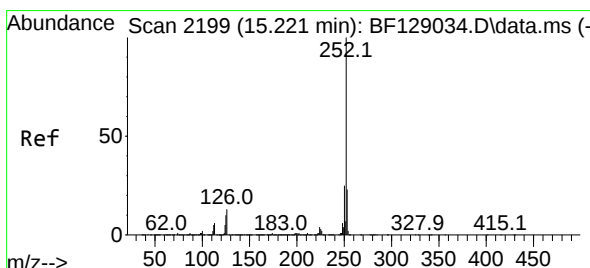
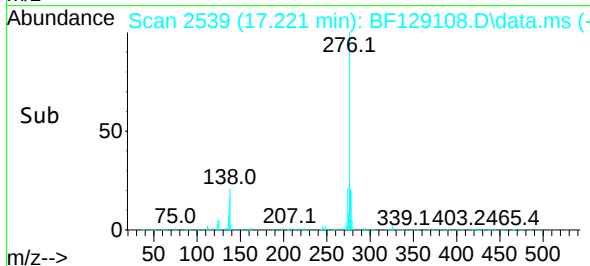
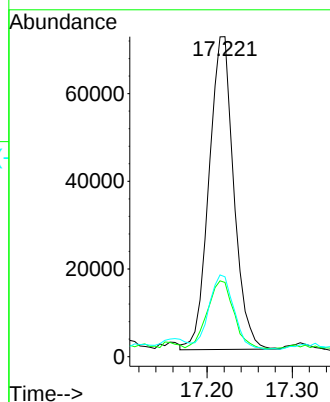
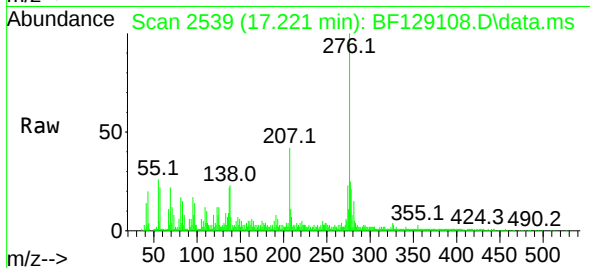
277 23.5 20.3 30.5

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: 12.630 ng m

RT: 15.209 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

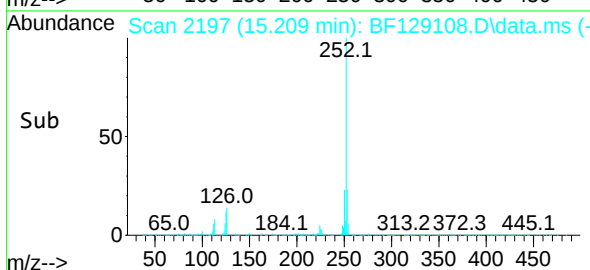
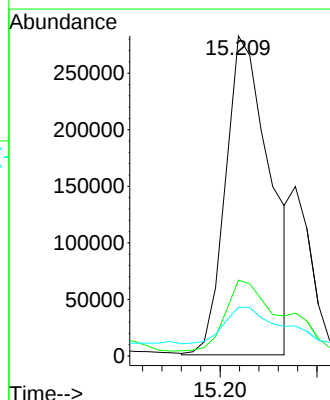
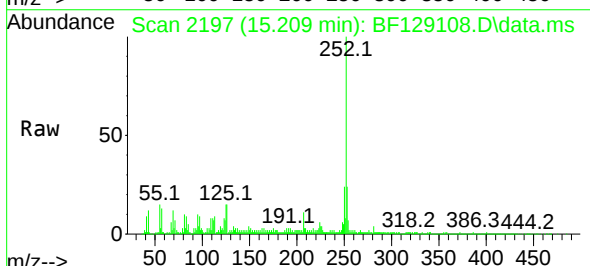
Tgt Ion:252 Resp: 447648

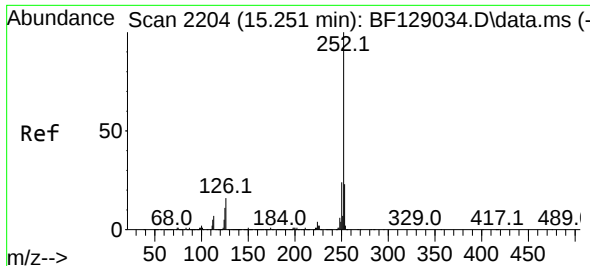
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

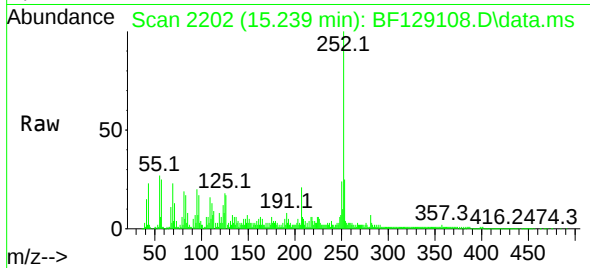
125 15.2 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 3.311 ng m
RT: 15.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

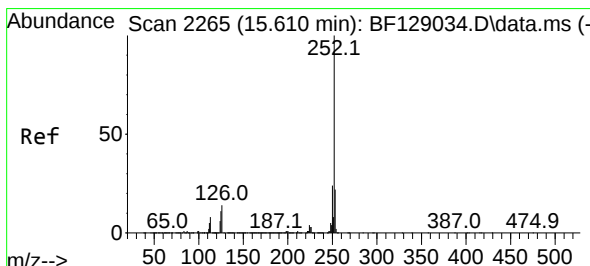
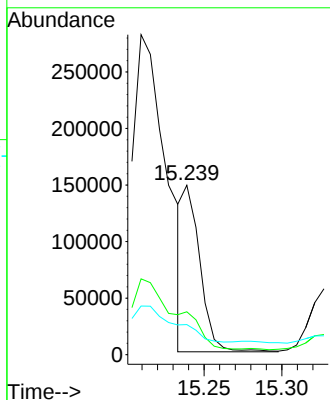
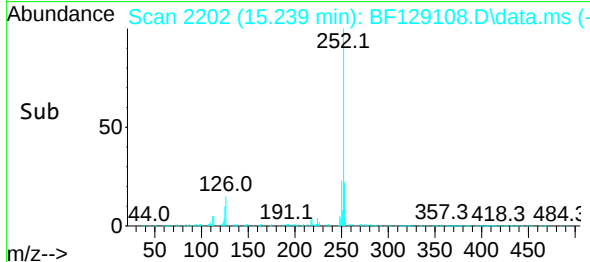
Instrument :
BNA_F
ClientSampleId :
SB-10B



Tgt Ion:252 Resp: 113808
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 17.7 8.3 12.5

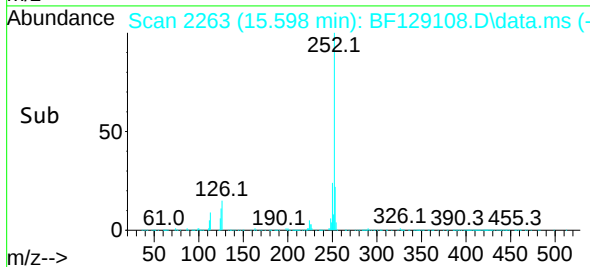
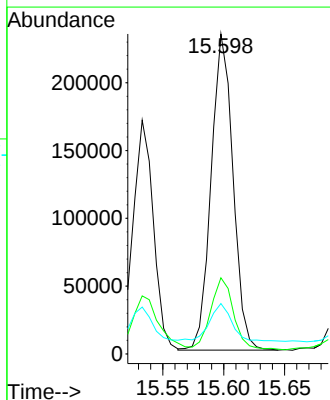
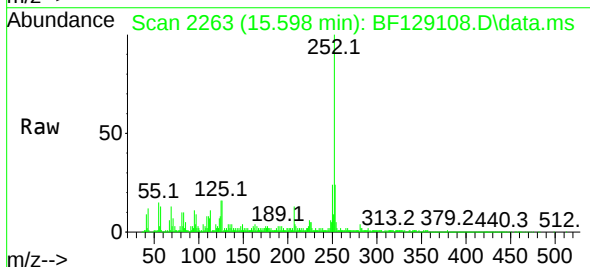
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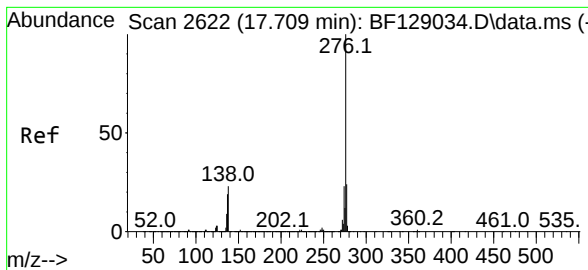
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#90
Benzo(a)pyrene
Concen: 10.088 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

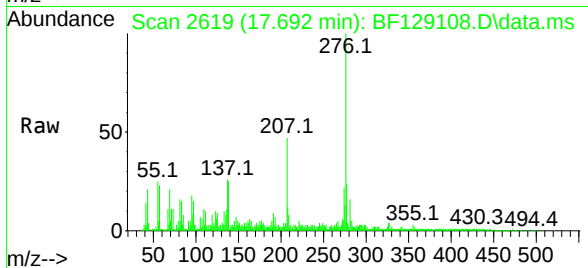
Tgt Ion:252 Resp: 291477
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 15.7 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.419 ng
 RT: 17.692 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-10B



Tgt Ion:276 Resp: 130644
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.1 28.7
 138 24.8 18.0 27.0

Manual Integrations
 APPROVED

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

