

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129200.D
 Acq On : 12 Jul 2022 21:01
 Operator : CG\JU
 Sample : N3643-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-070822

Quant Time: Jul 13 01:58:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	246766	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	851216	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	350693	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	571533	20.000	ng	0.00
76) Chrysene-d12	14.115	240	469631	20.000	ng	0.00
86) Perylene-d12	15.627	264	351345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	240257	16.460	ng	-0.01
7) Phenol-d6	6.551	99	292880	16.156	ng	-0.02
23) Nitrobenzene-d5	7.492	82	132676	9.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	42027	11.021	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	245635	11.205	ng	-0.01
79) Terphenyl-d14	13.057	244	227006	10.038	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.686	202	112531	3.940	ng	99
78) Pyrene	12.916	202	162571	4.994	ng	97
81) Benzo(a)anthracene	14.104	228	76998	2.685	ng	# 86
83) Chrysene	14.139	228	75435	2.834	ng	# 95
88) Benzo(b)fluoranthene	15.180	252	71576m	3.387	ng	
90) Benzo(a)pyrene	15.562	252	60579	3.517	ng	# 87
92) Benzo(g,h,i)perylene	17.633	276	39544	2.244	ng	# 89

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

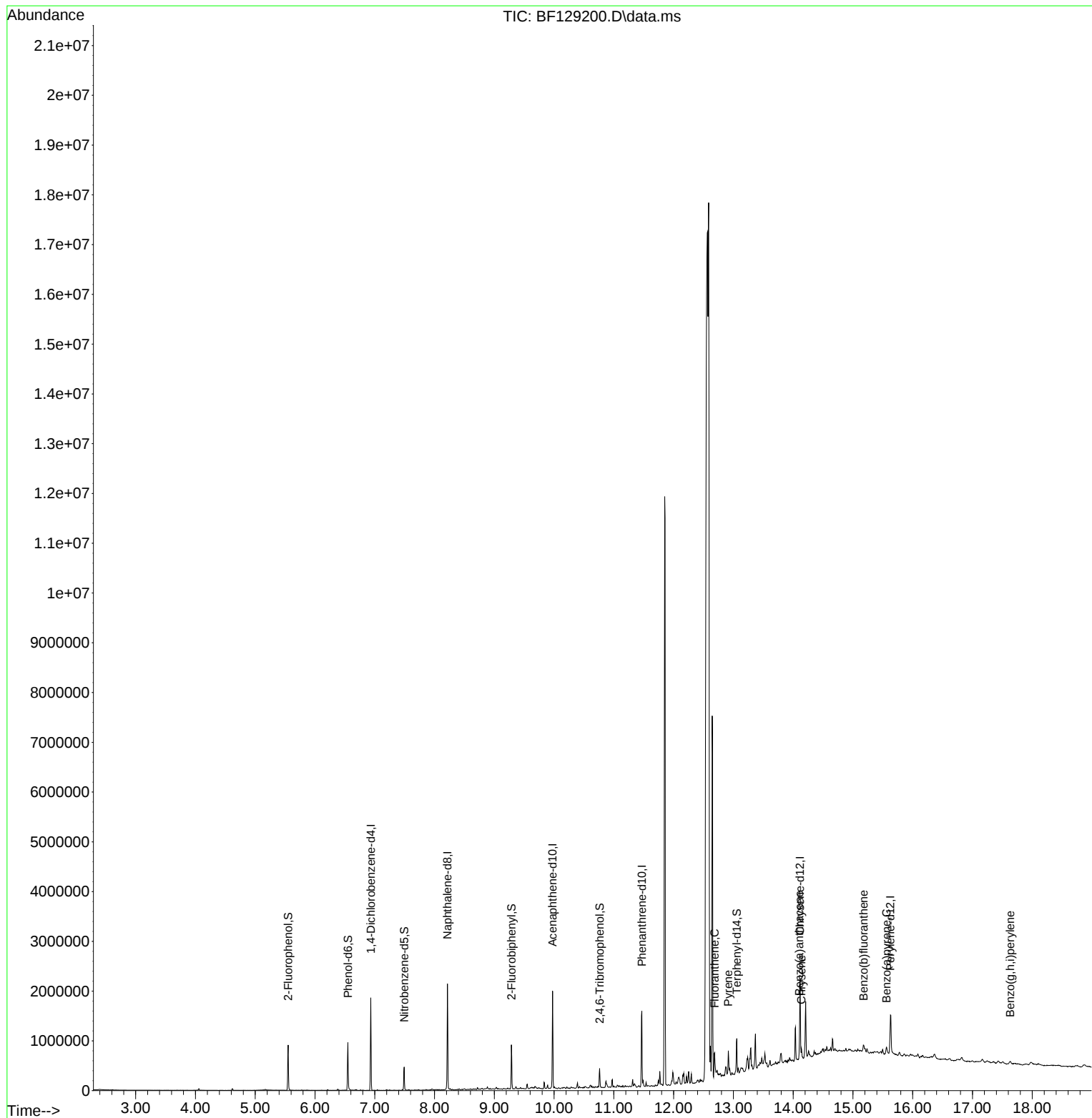
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129200.D
Acq On : 12 Jul 2022 21:01
Operator : CG\JU
Sample : N3643-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

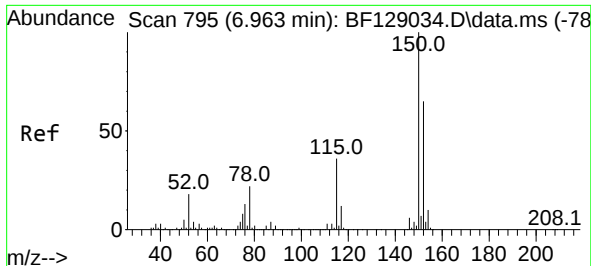
Instrument :
BNA_F
ClientSampleId :
TR-04-070822

Quant Time: Jul 13 01:58:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 14:13:54 2022
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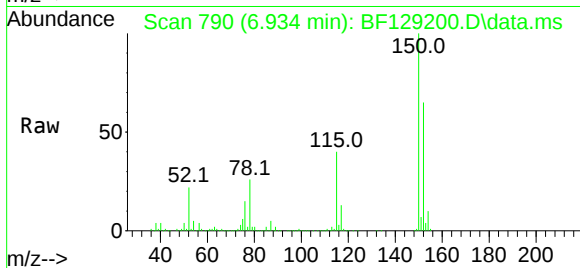
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

TR-04-070822

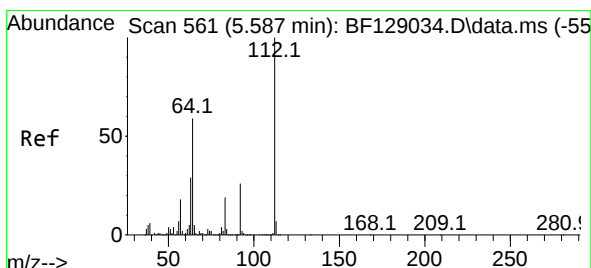
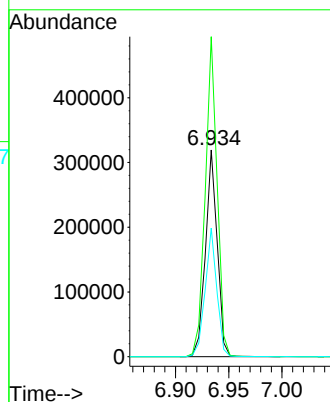
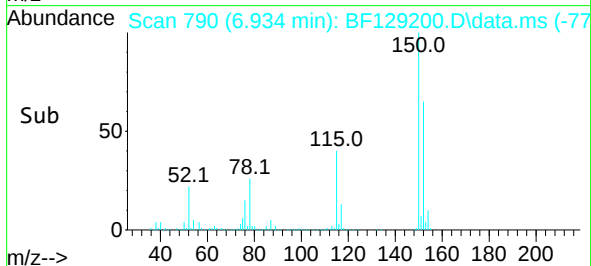


Tgt Ion:152 Resp: 246760
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 62.2 49.9 74.9

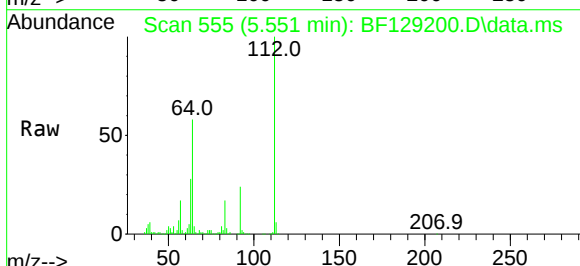
Manual Integrations

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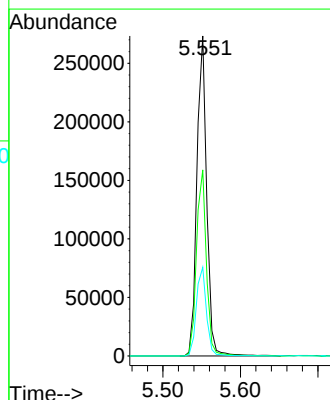
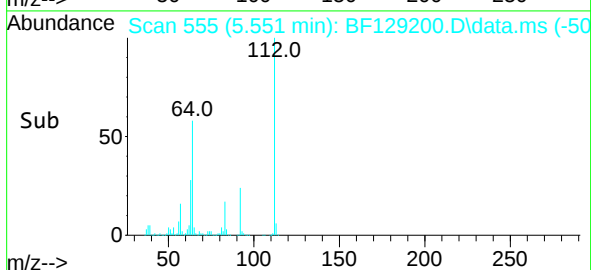
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

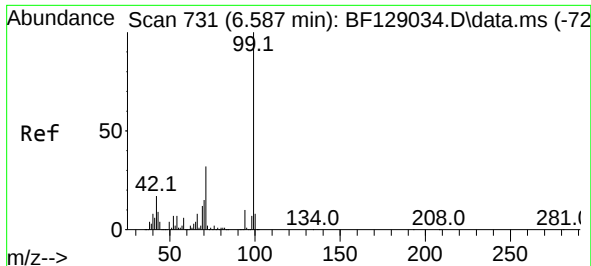


#5
2-Fluorophenol
Concen: 16.460 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01



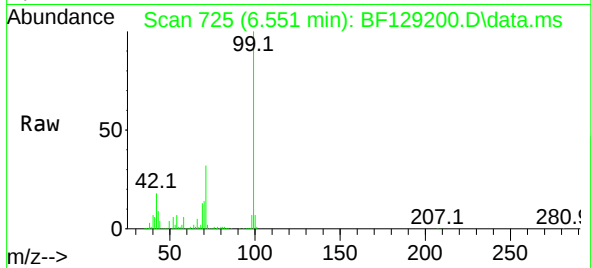
Tgt Ion:112 Resp: 240257
Ion Ratio Lower Upper
112 100
64 58.2 53.3 79.9
63 27.7 28.0 42.0





#7
Phenol-d6
Concen: 16.156 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

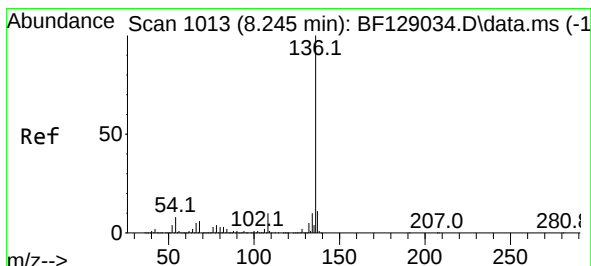
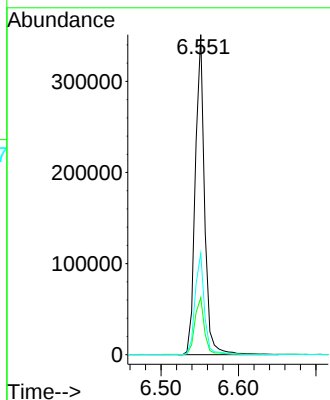
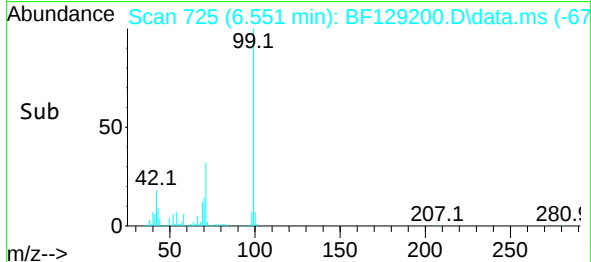
Instrument :
BNA_F
ClientSampleId :
TR-04-070822



Tgt Ion: 99 Resp: 292880
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 31.7 28.9 43.3

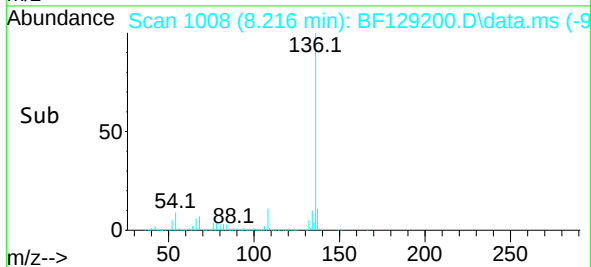
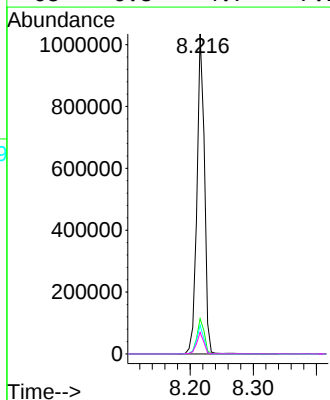
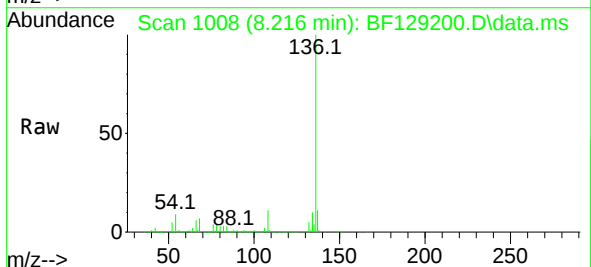
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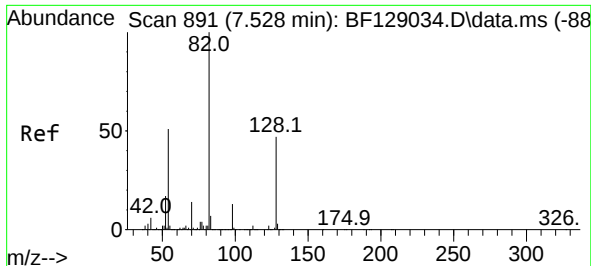
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Tgt Ion:136 Resp: 851216
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 7.5 11.3
68 6.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 9.297 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

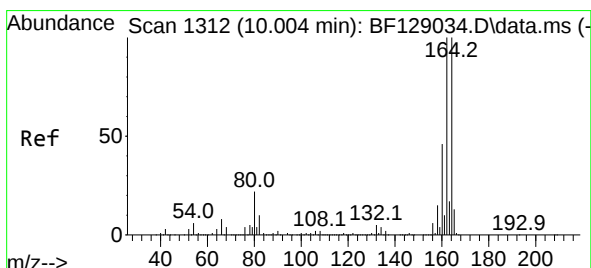
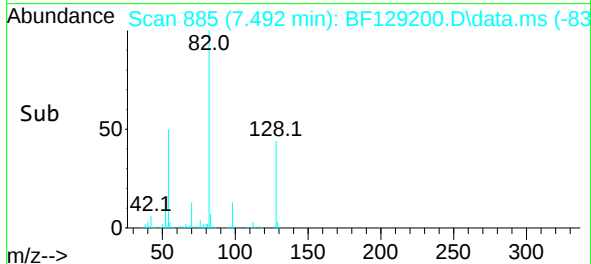
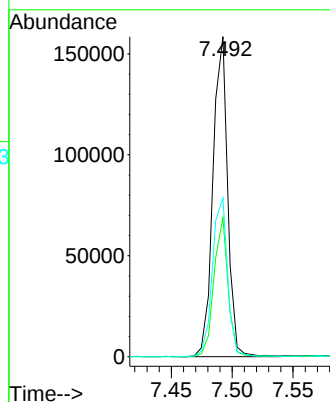
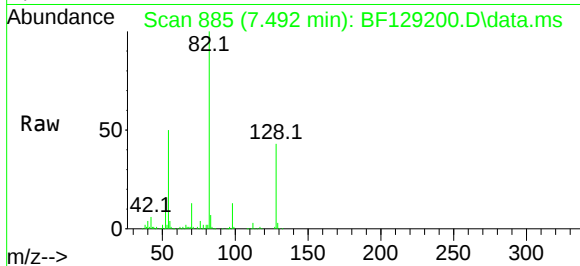
ClientSampleId :

TR-04-070822

Tgt Ion: 82 Resp: 132670
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 49.6 46.9 70.3

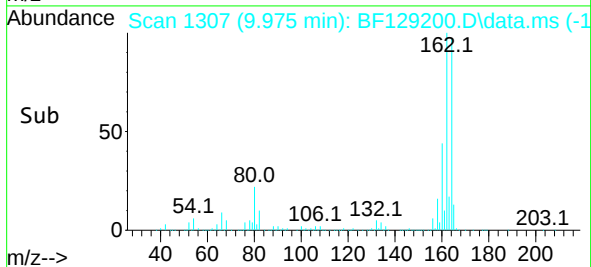
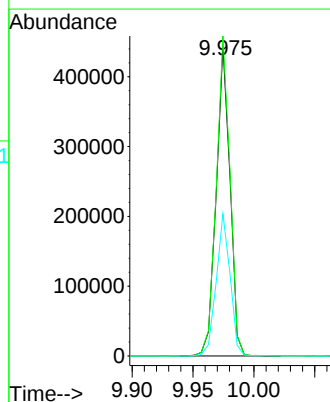
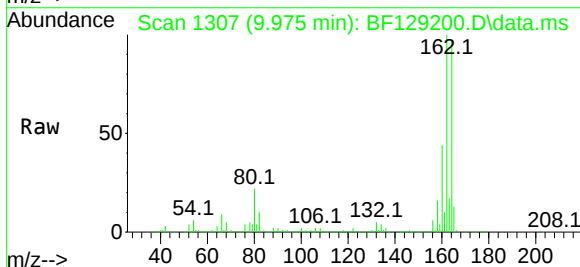
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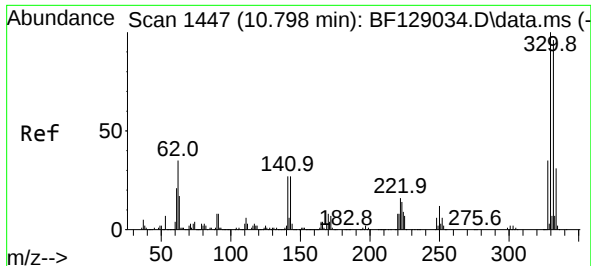
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Tgt Ion:164 Resp: 350693
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 11.021 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

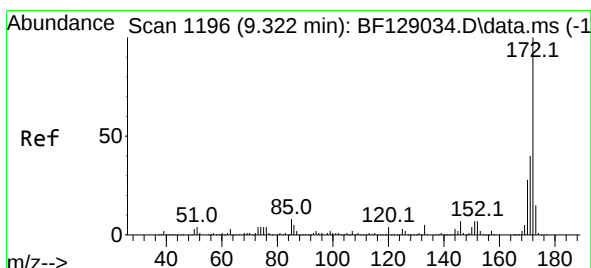
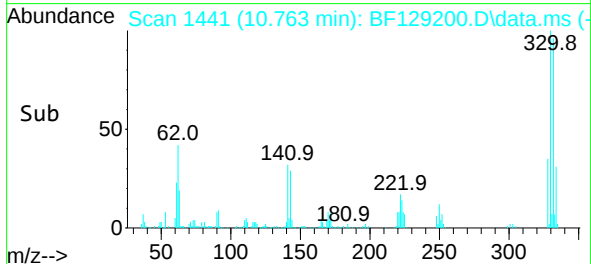
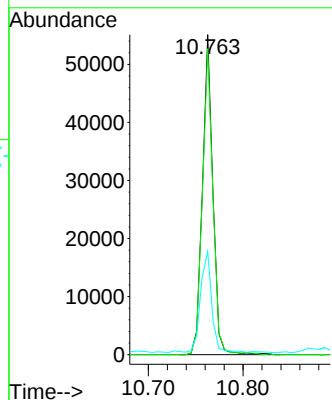
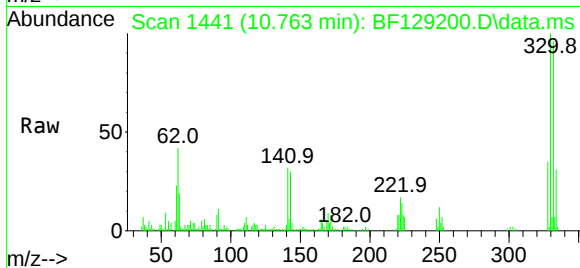
TR-04-070822

Tgt Ion:330 Resp: 4202
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 33.6 28.0 42.0

Manual Integrations

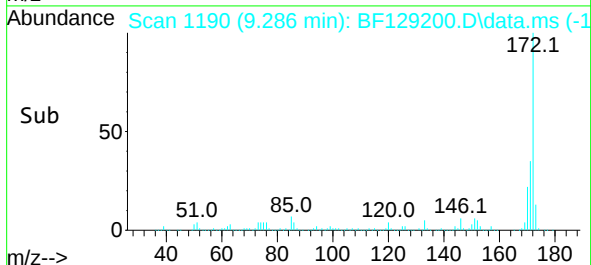
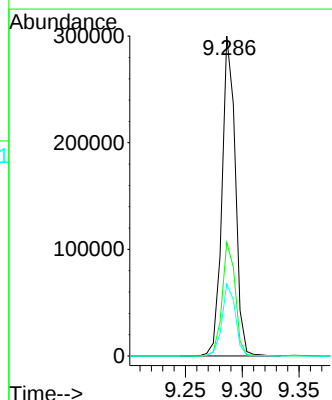
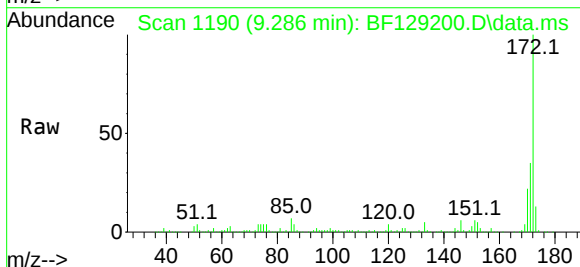
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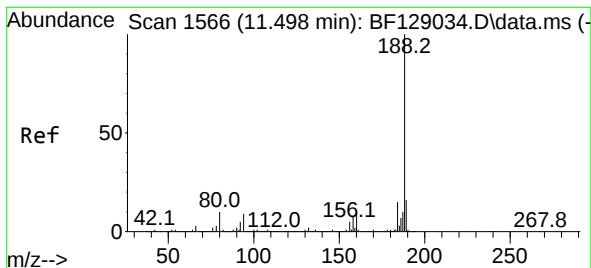
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#45
2-Fluorobiphenyl
Concen: 11.205 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Tgt Ion:172 Resp: 245635
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 22.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129200.D

Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

TR-04-070822

Tgt Ion:188 Resp: 57153

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

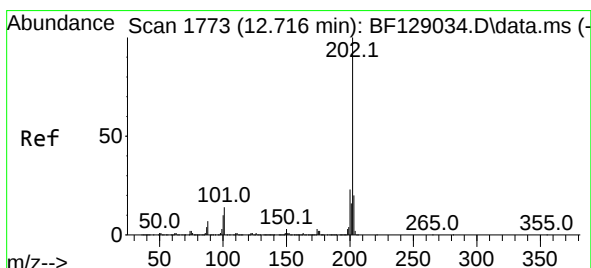
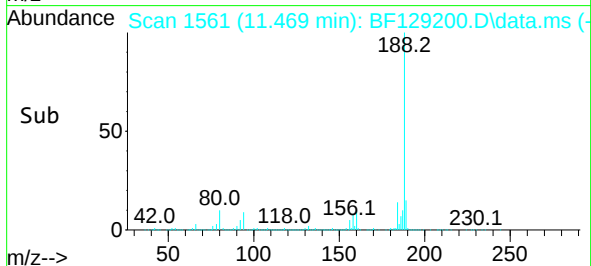
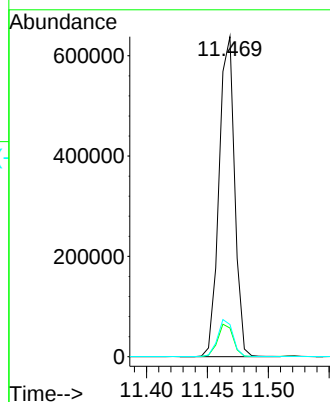
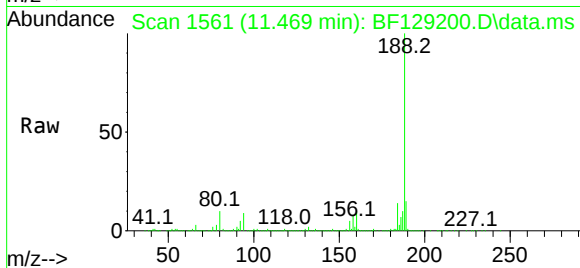
80 10.1 7.6 11.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#75

Fluoranthene

Concen: 3.940 ng

RT: 12.686 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BF129200.D

Acq: 12 Jul 2022 21:01

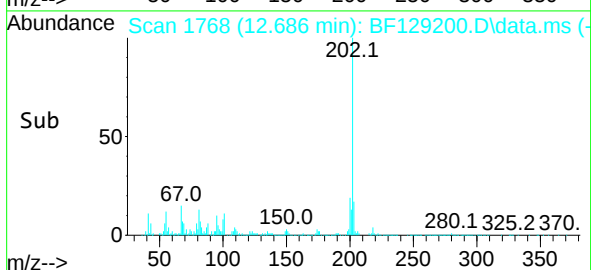
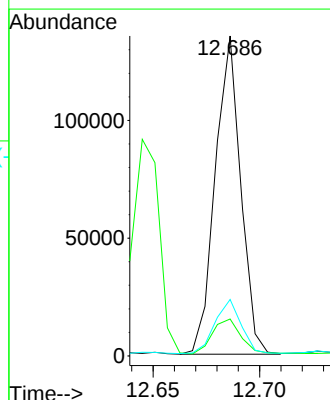
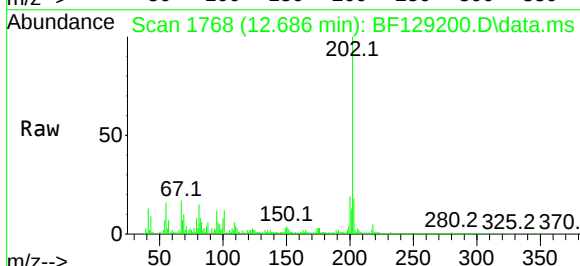
Tgt Ion:202 Resp: 112531

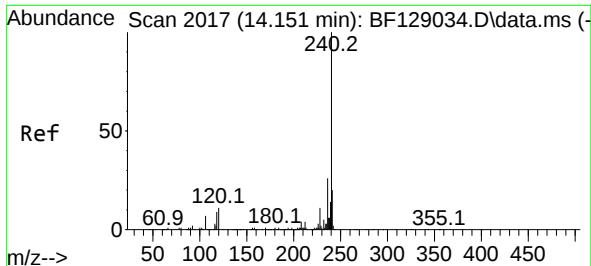
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

203 17.7 0.0 38.0





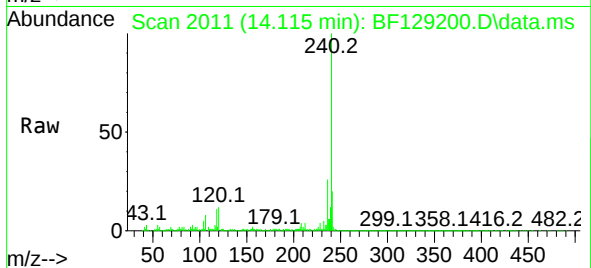
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

TR-04-070822

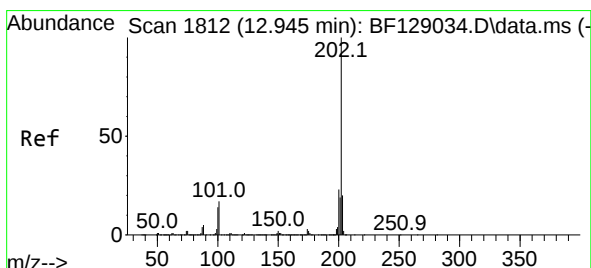
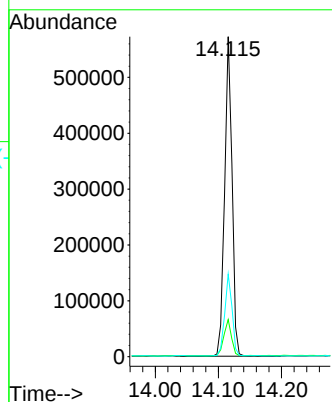
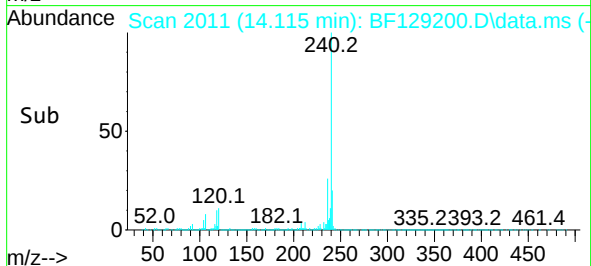


Tgt Ion:240 Resp: 46963
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.8 31.2

Manual Integrations

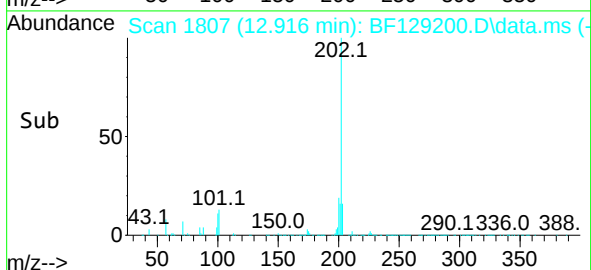
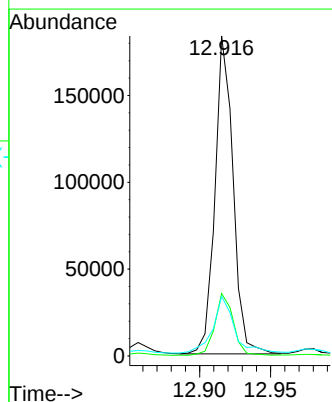
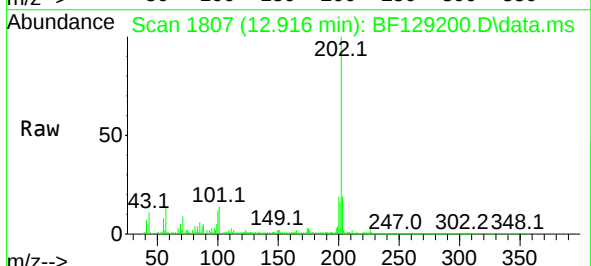
APPROVED

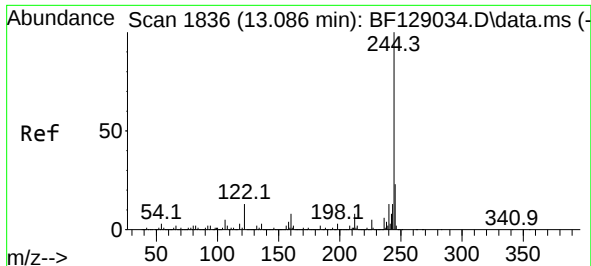
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#78
Pyrene
Concen: 4.994 ng
RT: 12.916 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Tgt Ion:202 Resp: 162571
Ion Ratio Lower Upper
202 100
200 19.5 17.7 26.5
203 18.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 10.038 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129200.D
 Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

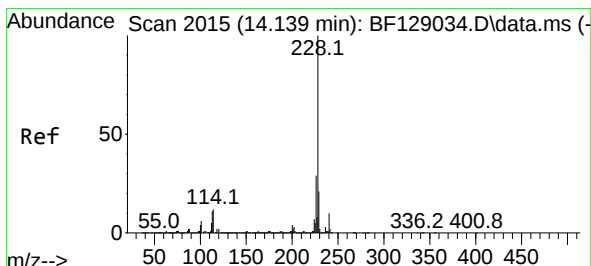
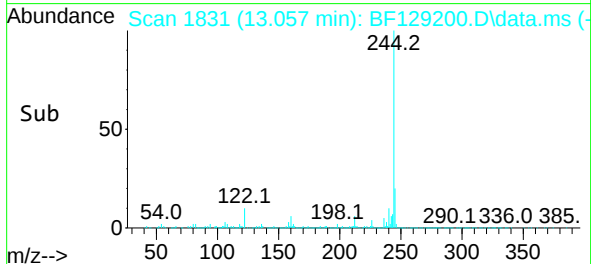
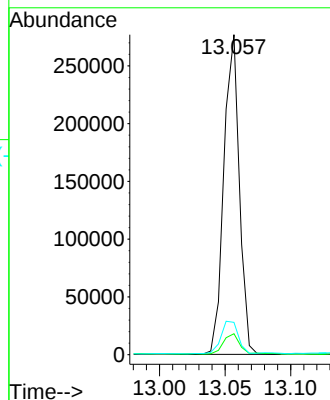
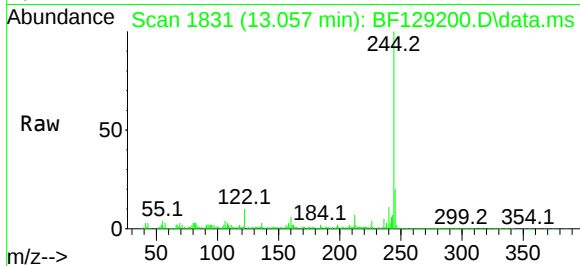
TR-04-070822

Tgt Ion:244 Resp: 227000
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 10.1 8.8 13.2

Manual Integrations

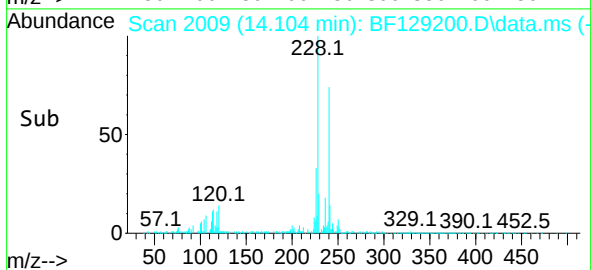
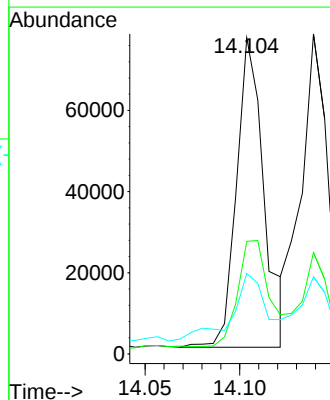
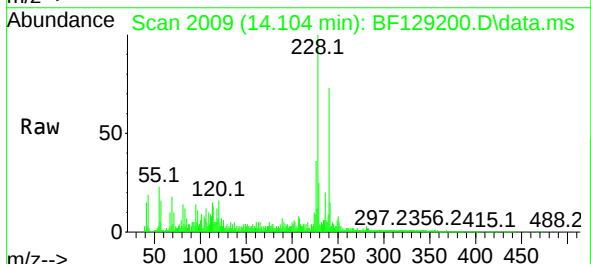
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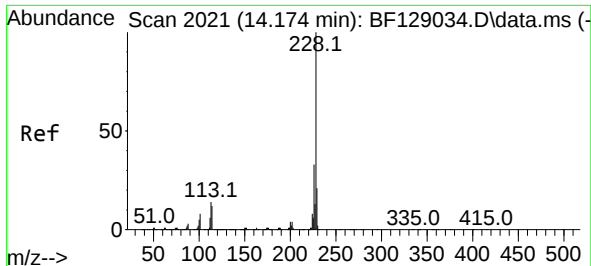
Reviewed By :Christian Giraldo 07/13/2022
 Supervised By :Jagrut Upadhyay 07/13/2022



#81
 Benzo(a)anthracene
 Concen: 2.685 ng
 RT: 14.104 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: BF129200.D
 Acq: 12 Jul 2022 21:01

Tgt Ion:228 Resp: 76998
 Ion Ratio Lower Upper
 228 100
 226 35.6 22.1 33.1#
 229 25.5 15.8 23.8#





#83
Chrysene
Concen: 2.834 ng
RT: 14.139 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :

BNA_F

ClientSampleId :

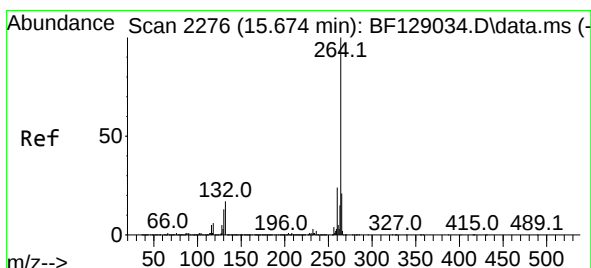
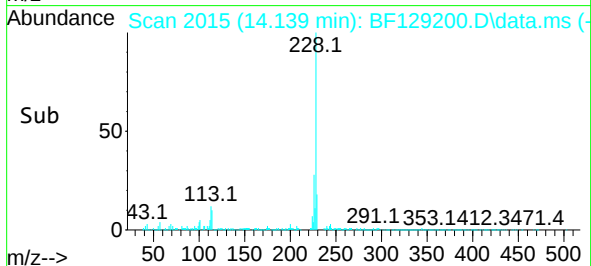
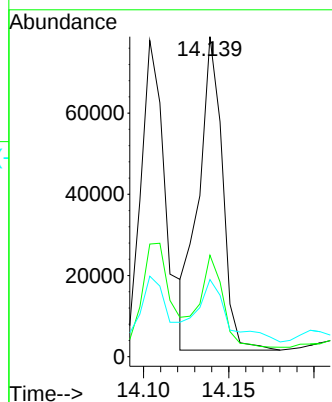
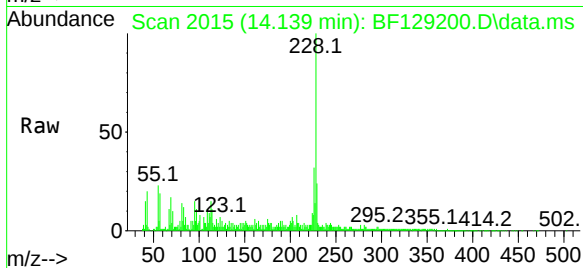
TR-04-070822

Tgt Ion:228 Resp: 75435
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 24.1 15.9 23.9

Manual Integrations

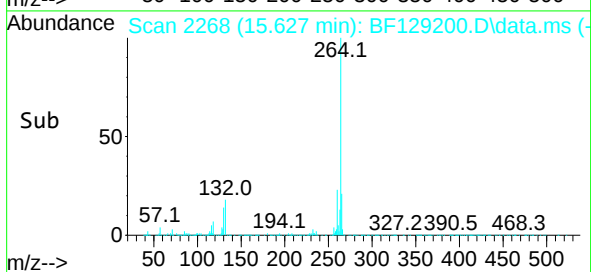
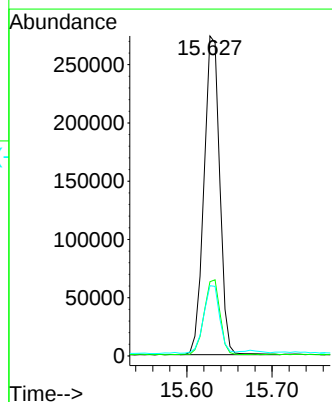
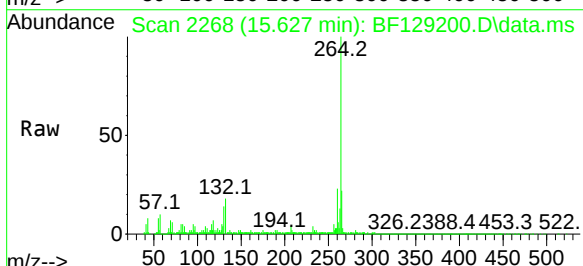
APPROVED

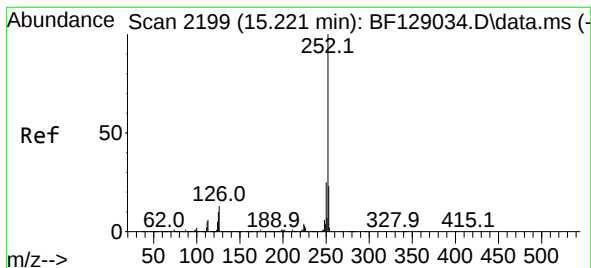
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Tgt Ion:264 Resp: 351345
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.387 ng m

RT: 15.180 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF129200.D

Acq: 12 Jul 2022 21:01

Instrument :

BNF

ClientSampleId :

TR-04-070822

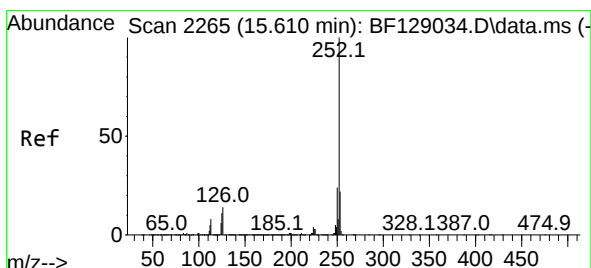
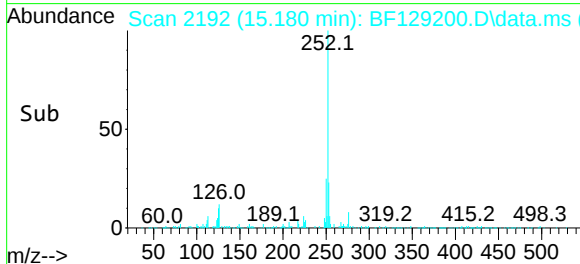
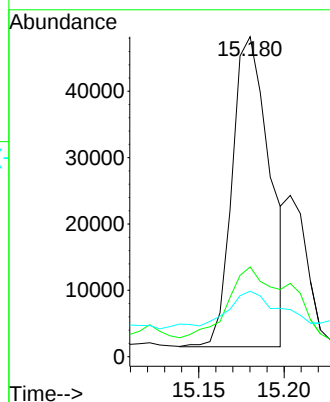
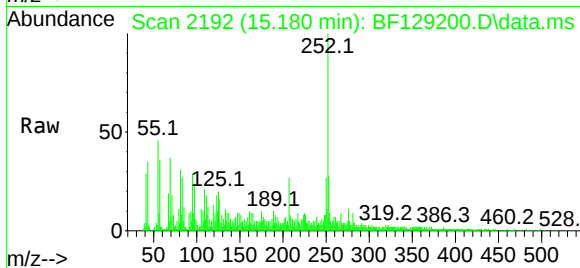
Tgt Ion:252 Resp: 71570
 Ion Ratio Lower Upper
 252 100
 253 28.0 17.7 26.5
 125 20.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#90

Benzo(a)pyrene

Concen: 3.517 ng

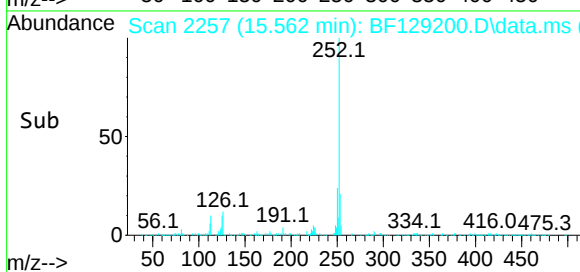
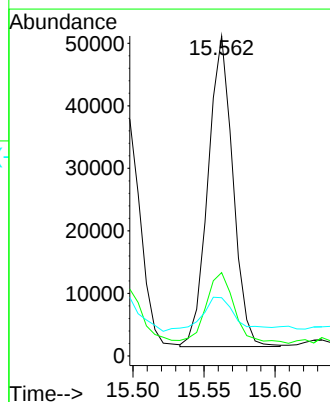
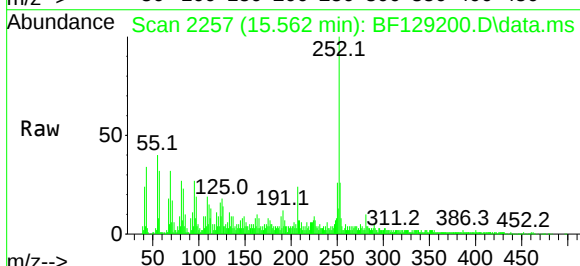
RT: 15.562 min Scan# 2257

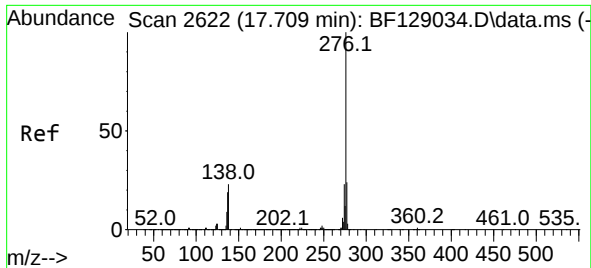
Delta R.T. -0.006 min

Lab File: BF129200.D

Acq: 12 Jul 2022 21:01

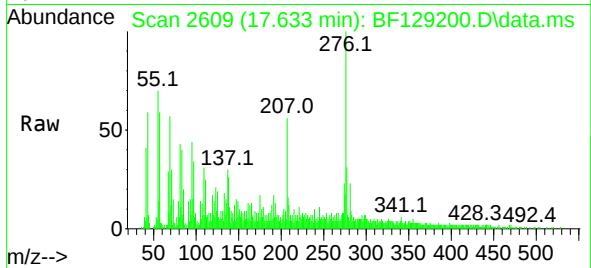
Tgt Ion:252 Resp: 60579
 Ion Ratio Lower Upper
 252 100
 253 26.1 17.0 25.6#
 125 18.2 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.244 ng
RT: 17.633 min Scan# 20
Delta R.T. -0.024 min
Lab File: BF129200.D
Acq: 12 Jul 2022 21:01

Instrument :
BNA_F
ClientSampleId :
TR-04-070822



Tgt Ion: 276 Resp: 39544
Ion Ratio Lower Upper
276 100
277 31.4 19.1 28.7
138 25.9 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 07/13/2022
Supervised By : Jagrut Upadhyay 07/13/2022

