

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129198.D
 Acq On : 12 Jul 2022 19:56
 Operator : CG\JU
 Sample : N3663-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16181

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:58:16 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	237440	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	796326	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	266992	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	272798	20.000	ng	# 0.04
76) Chrysene-d12	14.151	240	441418	20.000	ng	# 0.03
86) Perylene-d12	15.651	264	415184	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1106358	78.776	ng	-0.01
7) Phenol-d6	6.557	99	1332589	76.398	ng	-0.01
23) Nitrobenzene-d5	7.492	82	783297	58.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	225146	77.553	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	978820	58.650	ng	0.00
79) Terphenyl-d14	13.110	244	718741	33.813	ng	0.05
Target Compounds						Qvalue
10) Phenol	6.569	94	43484	2.461	ng	93
20) 3+4-Methylphenols	7.328	107	192502	12.607	ng	# 70
37) 2-Methylnaphthalene	8.928	142	65586	2.696	ng	100
75) Fluoranthene	12.751	202	36120	2.650	ng	# 1
80) Butylbenzylphthalate	13.563	149	72091	5.784	ng	# 72
84) Bis(2-ethylhexyl)phtha...	14.104	149	368128	22.222	ng	# 90
88) Benzo(b)fluoranthene	15.198	252	60189m	2.411	ng	

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

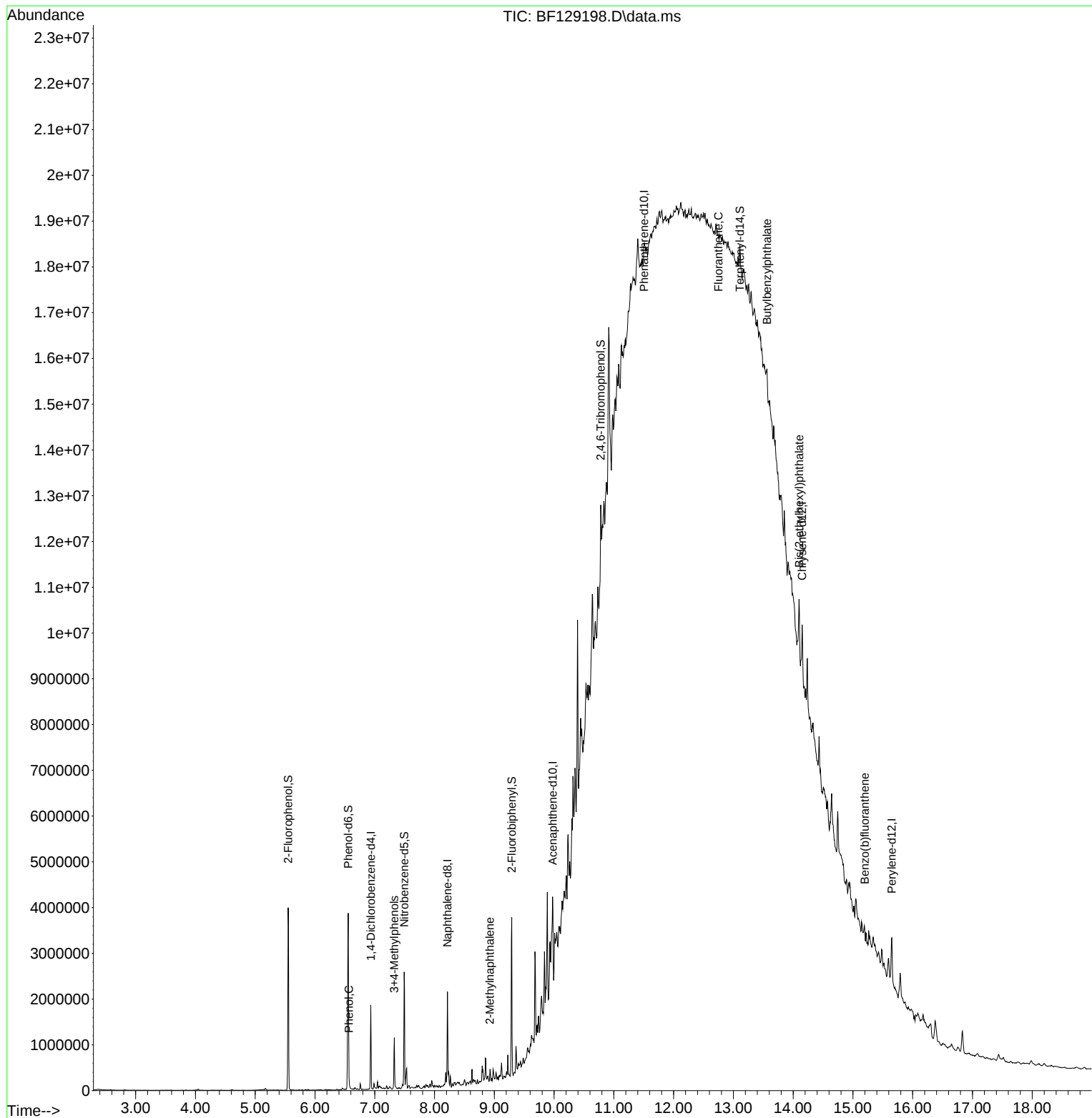
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129198.D
Acq On : 12 Jul 2022 19:56
Operator : CG\JU
Sample : N3663-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

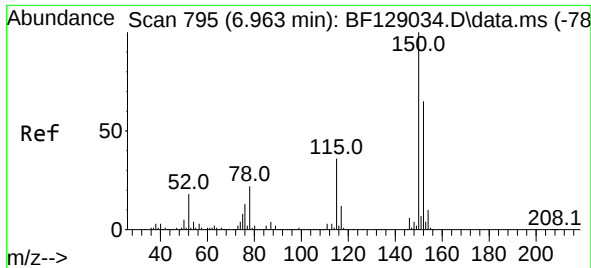
Instrument :
BNA_F
ClientSampleId :
VB16181

Quant Time: Jul 13 01:58:16 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

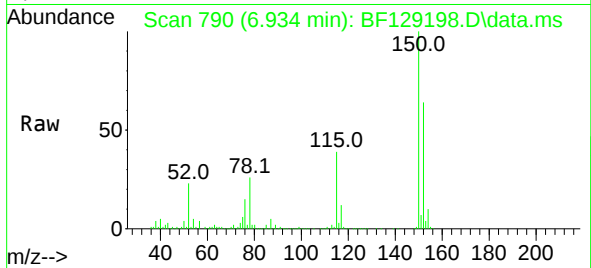
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

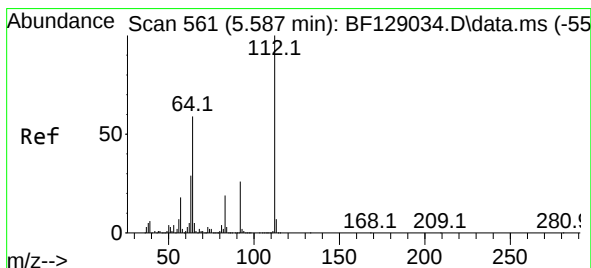
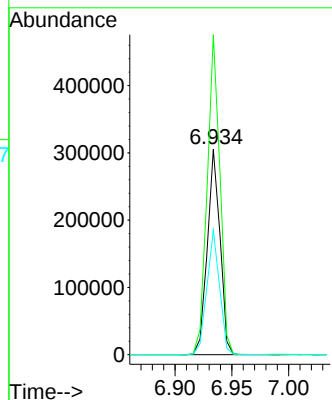
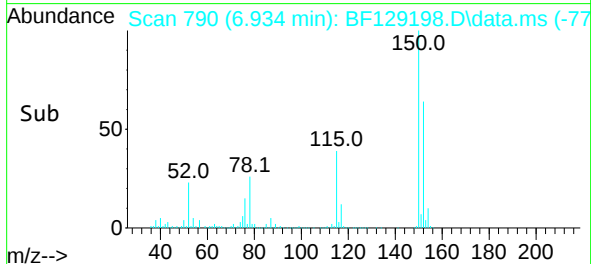
Instrument :
BNA_F
ClientSampleId :
VB16181



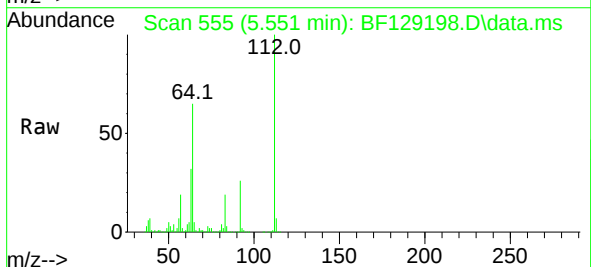
Tgt Ion:152 Resp: 237440
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 60.6 49.9 74.9

Manual Integrations
APPROVED

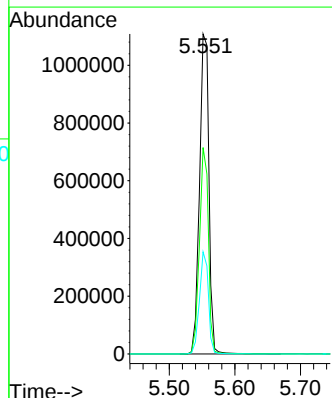
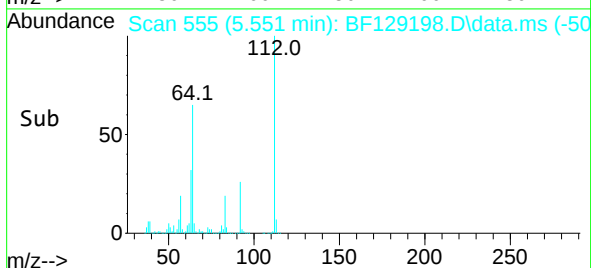
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

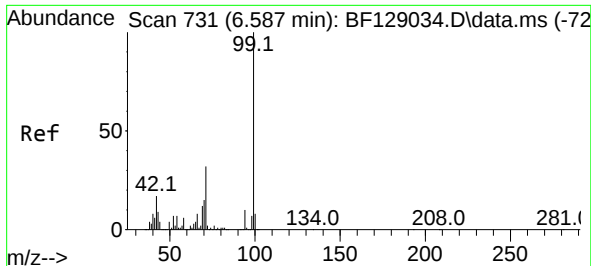


#5
2-Fluorophenol
Concen: 78.776 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56



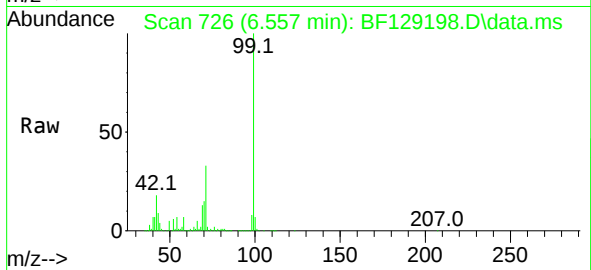
Tgt Ion:112 Resp: 1106358
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 31.9 28.0 42.0





#7
Phenol-d6
Concen: 76.398 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

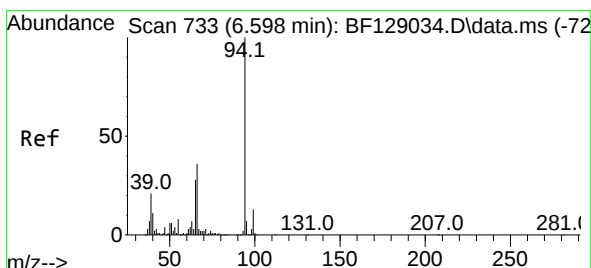
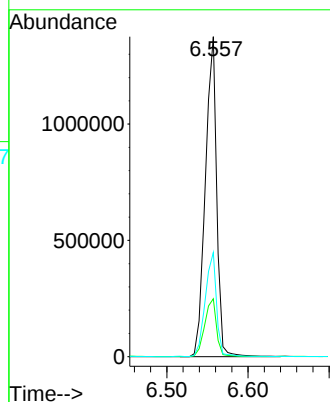
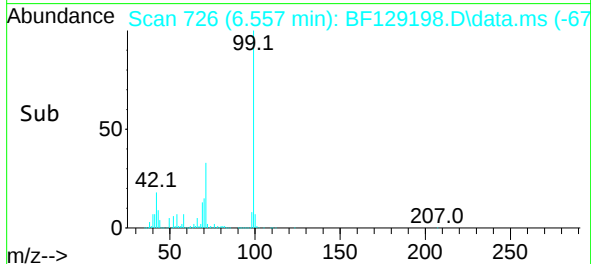
Instrument :
BNA_F
ClientSampleId :
VB16181



Tgt Ion: 99 Resp: 1332589
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 32.6 28.9 43.3

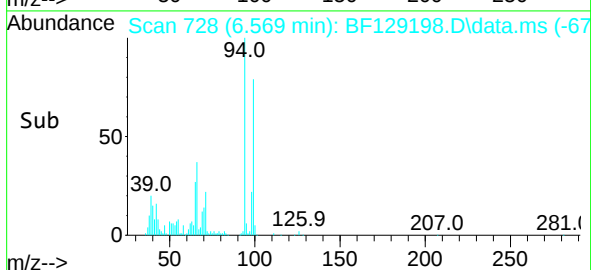
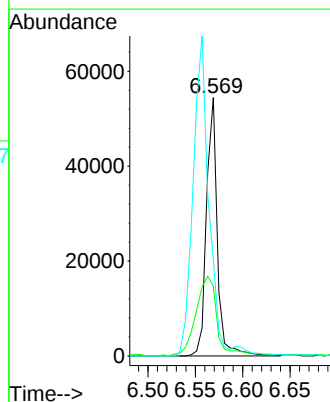
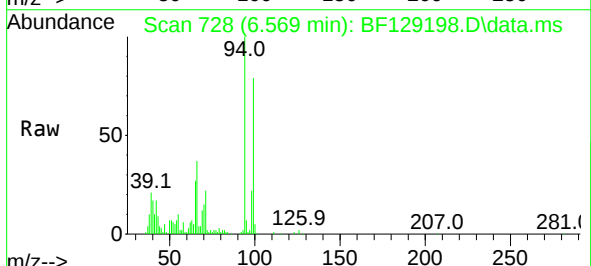
Manual Integrations
APPROVED

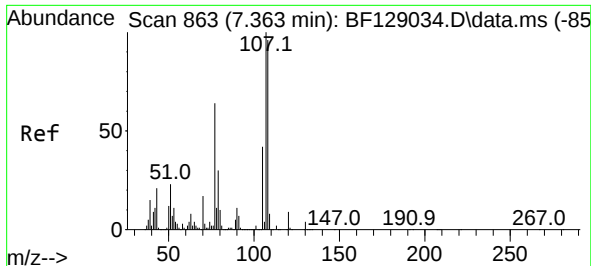
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#10
Phenol
Concen: 2.461 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion: 94 Resp: 43484
Ion Ratio Lower Upper
94 100
65 27.1 11.4 51.4
66 37.1 21.4 61.4





#20

3+4-Methylphenols

Concen: 12.607 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129198.D

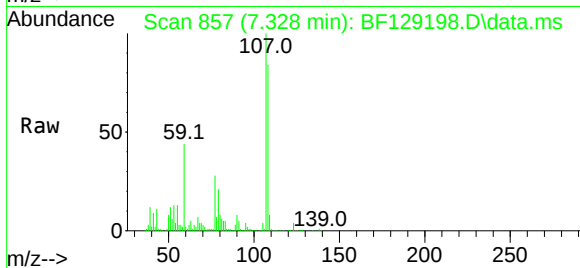
Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181



Tgt Ion:107 Resp: 19250

Ion Ratio Lower Upper

107 100

108 83.6 71.8 111.8

77 28.5 59.3 99.3

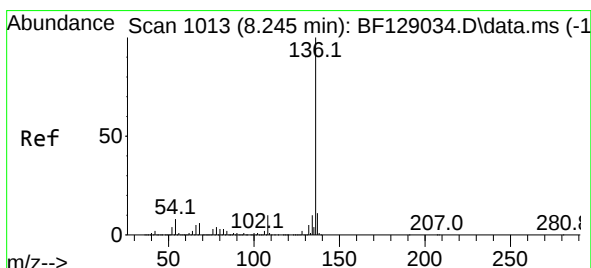
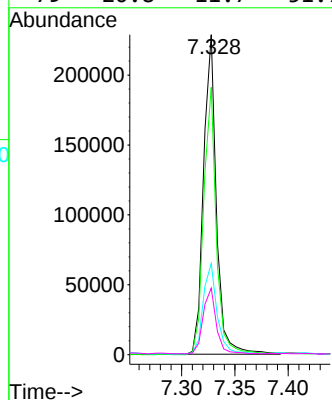
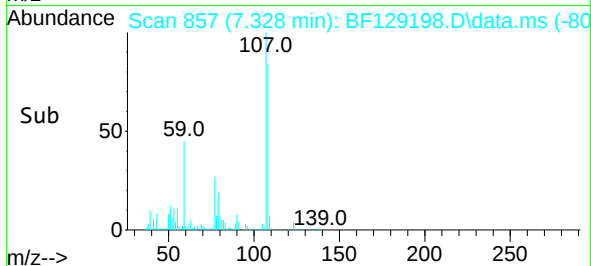
79 20.8 11.7 51.7

Manual Integrations

APPROVED

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: BF129198.D

Acq: 12 Jul 2022 19:56

Tgt Ion:136 Resp: 796326

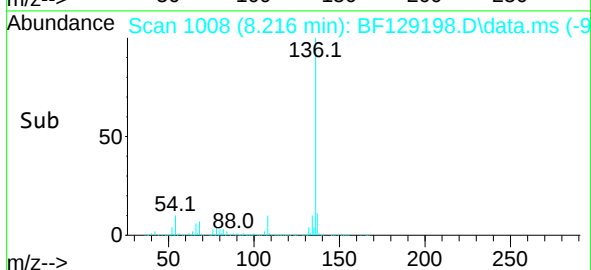
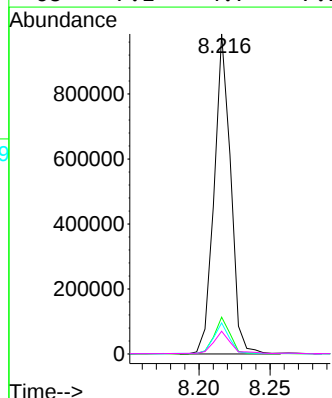
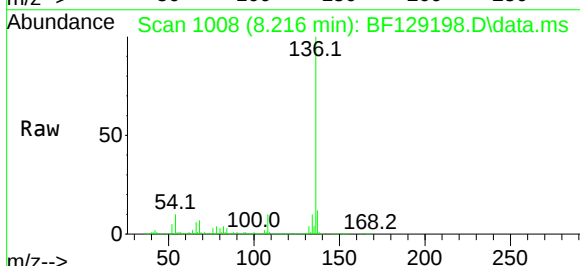
Ion Ratio Lower Upper

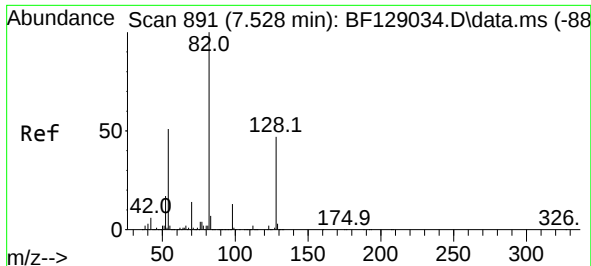
136 100

137 11.5 8.8 13.2

54 9.7 7.5 11.3

68 7.1 4.7 7.1





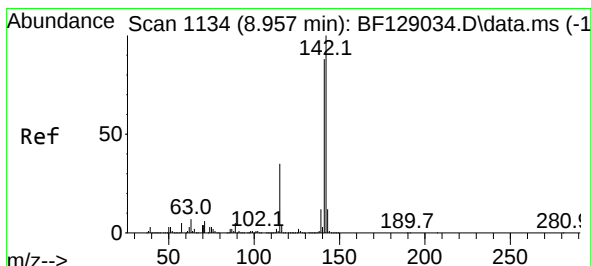
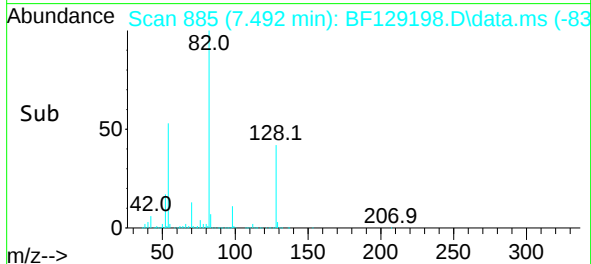
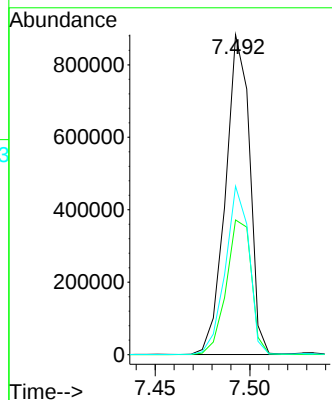
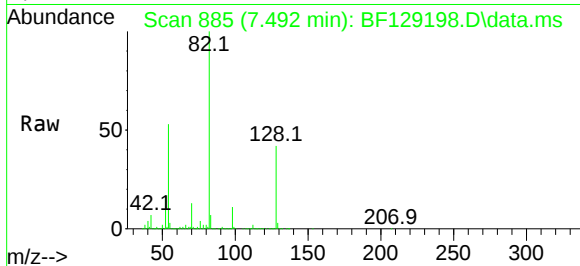
#23
Nitrobenzene-d5
Concen: 58.671 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Instrument :
BNA_F
ClientSampleId :
VB16181

Tgt Ion: 82 Resp: 78329
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 52.7 46.9 70.3

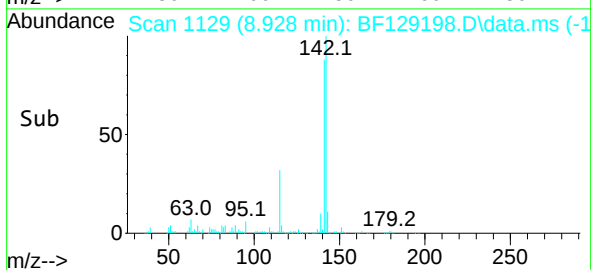
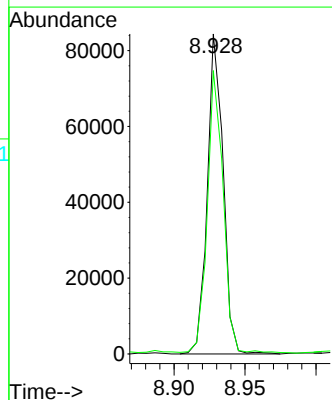
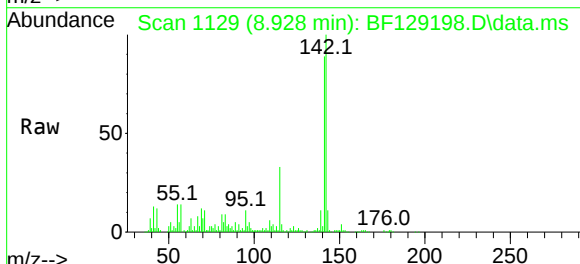
Manual Integrations
APPROVED

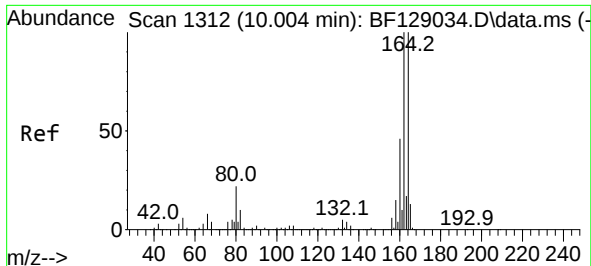
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#37
2-Methylnaphthalene
Concen: 2.696 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:142 Resp: 65586
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

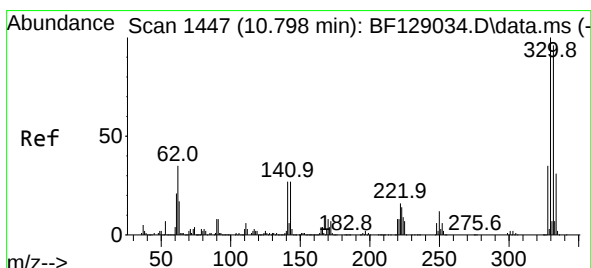
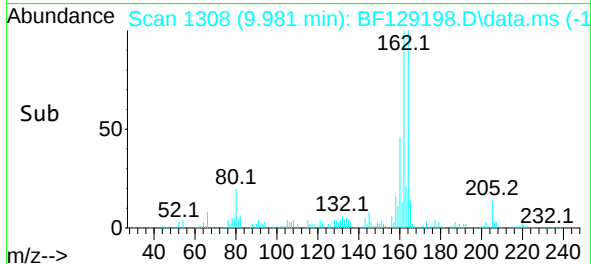
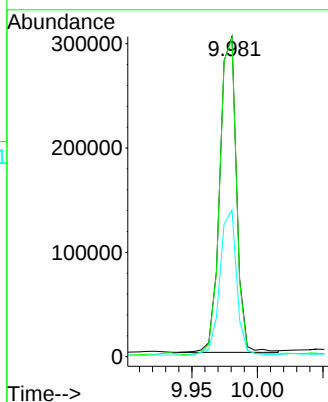
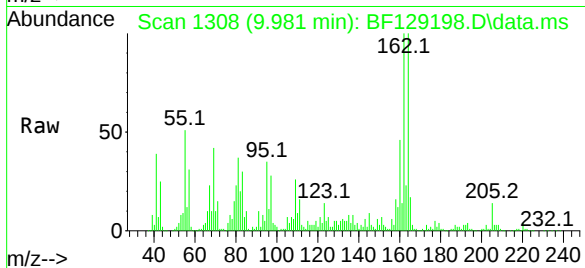
VB16181

Tgt Ion:164 Resp: 266992
 Ion Ratio Lower Upper
 164 100
 162 99.6 79.5 119.3
 160 45.8 34.2 51.4

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 77.553 ng

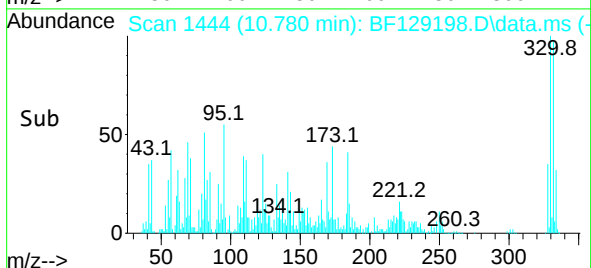
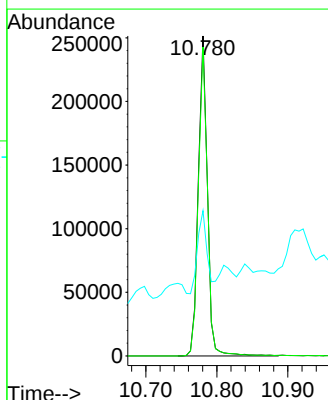
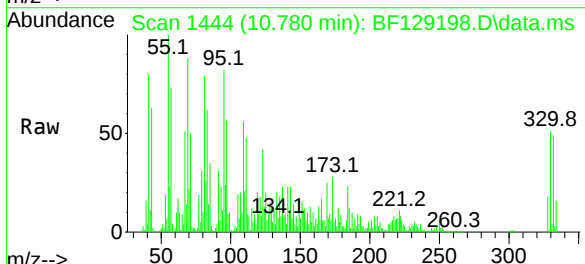
RT: 10.780 min Scan# 1444

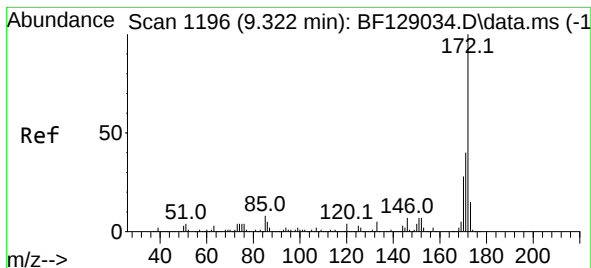
Delta R.T. 0.006 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Tgt Ion:330 Resp: 225146
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 27.9 28.0 42.0#





#45

2-Fluorobiphenyl

Concen: 58.650 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181

Tgt Ion:172 Resp: 978820

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

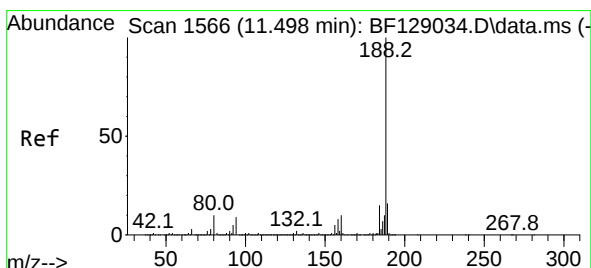
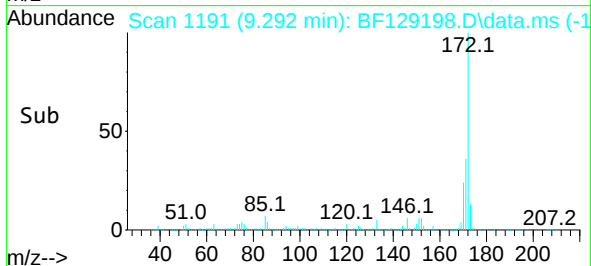
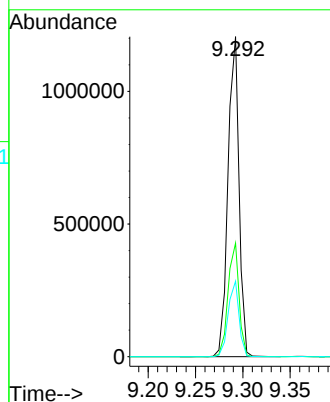
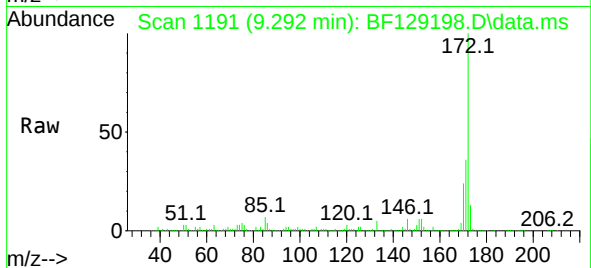
170 23.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1567

Delta R.T. 0.035 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

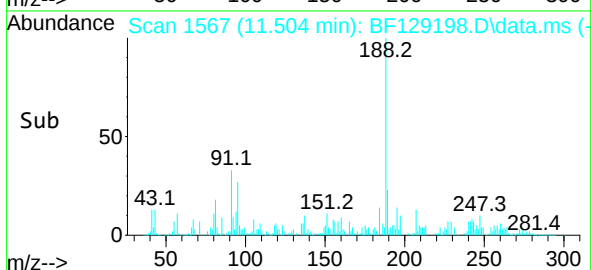
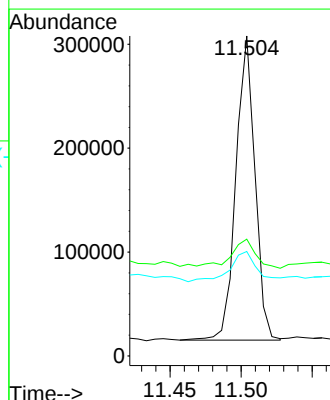
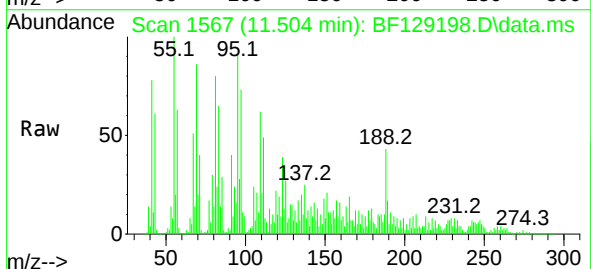
Tgt Ion:188 Resp: 272798

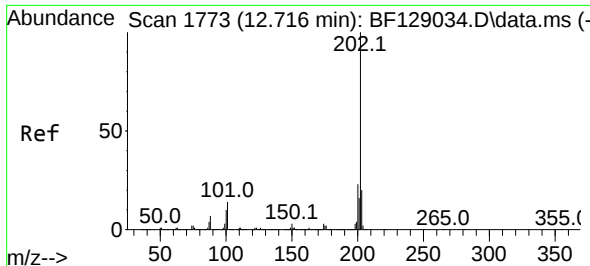
Ion Ratio Lower Upper

188 100

94 36.5 7.0 10.6#

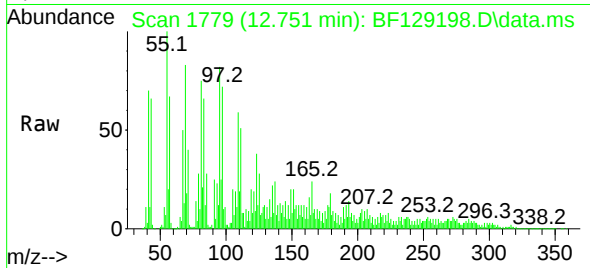
80 32.6 7.6 11.4#





#75
Fluoranthene
Concen: 2.650 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.059 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

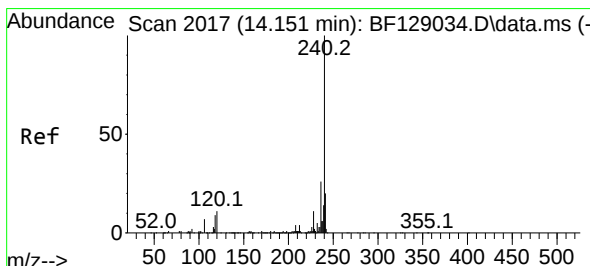
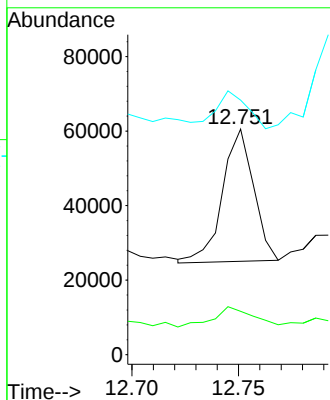
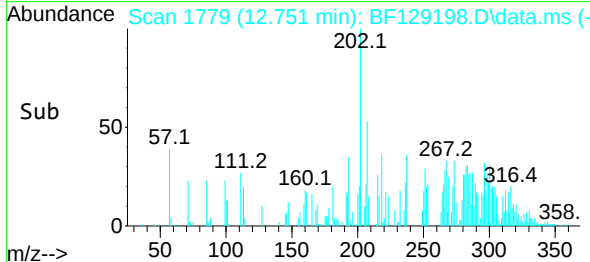
Instrument :
BNA_F
ClientSampleId :
VB16181



Tgt Ion:202 Resp: 36120
Ion Ratio Lower Upper
202 100
101 19.2 0.0 31.4
203 112.8 0.0 38.0

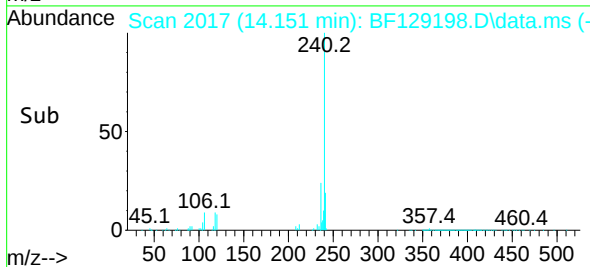
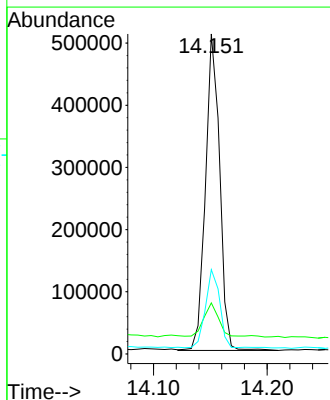
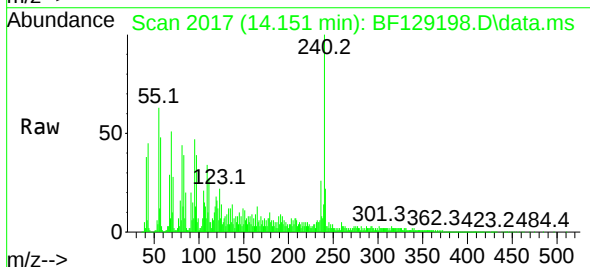
Manual Integrations
APPROVED

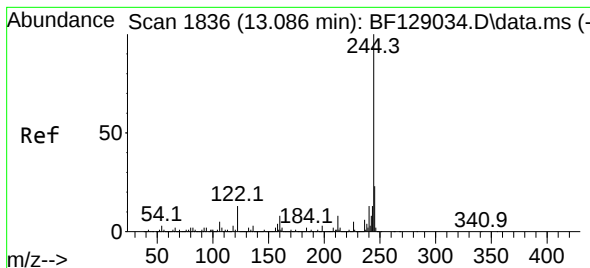
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.030 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:240 Resp: 441418
Ion Ratio Lower Upper
240 100
120 16.0 8.9 13.3#
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 33.813 ng

RT: 13.110 min Scan# 1840

Delta R.T. 0.047 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181

Tgt Ion:244 Resp: 71874

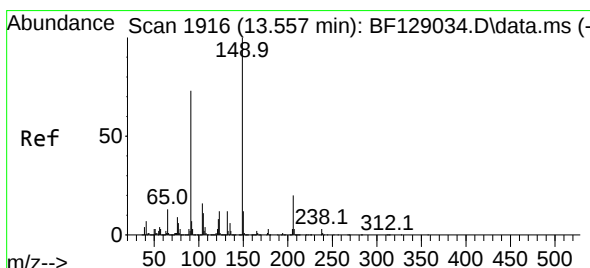
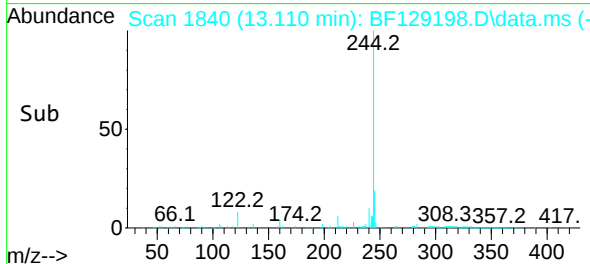
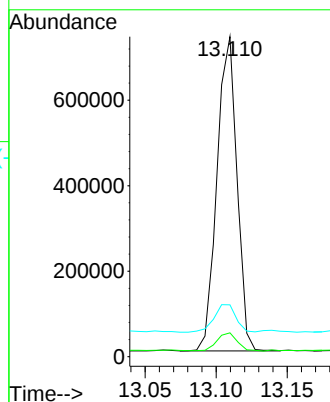
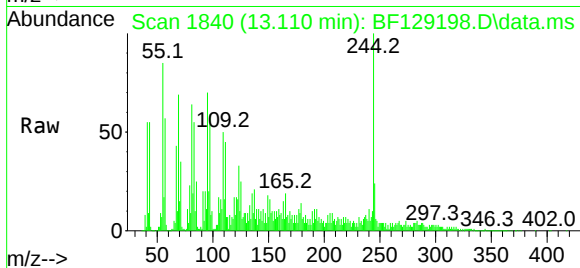
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	16.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022



#80

Butylbenzylphthalate

Concen: 5.784 ng

RT: 13.563 min Scan# 1917

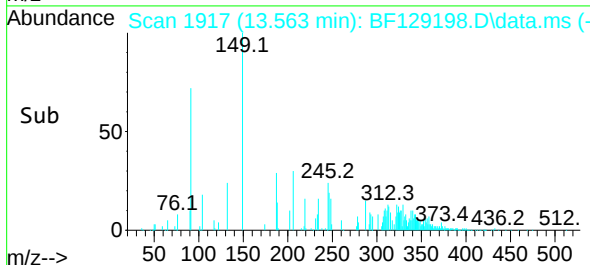
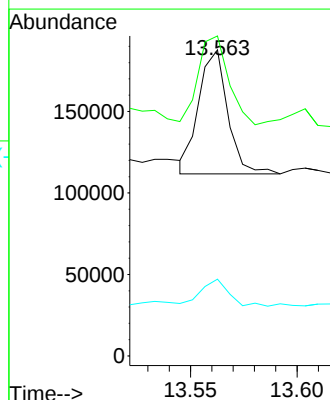
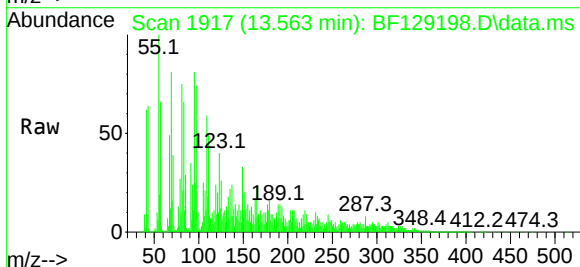
Delta R.T. 0.035 min

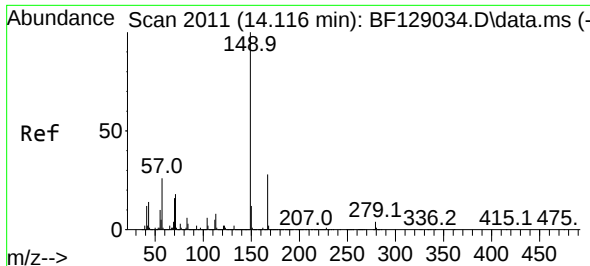
Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Tgt Ion:149 Resp: 72091

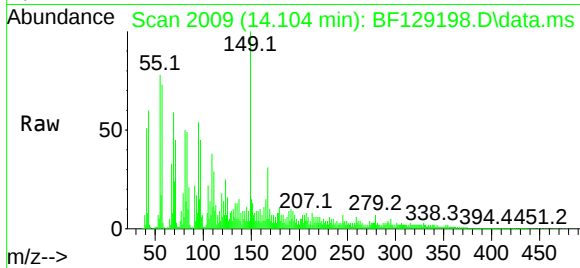
Ion	Ratio	Lower	Upper
149	100		
91	104.6	61.2	91.8
206	25.1	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 22.222 ng
RT: 14.104 min Scan# 2011
Delta R.T. 0.024 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

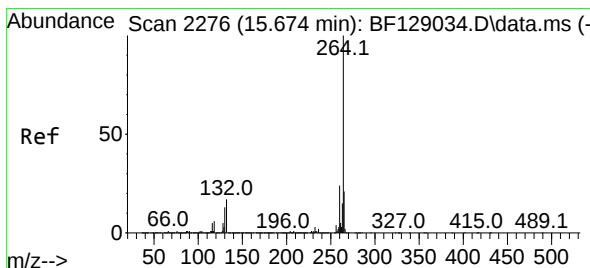
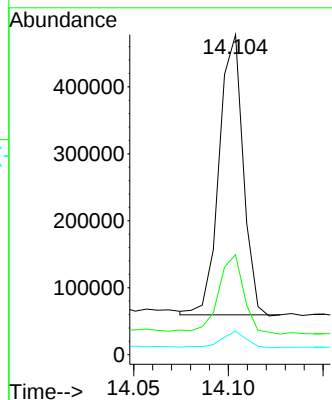
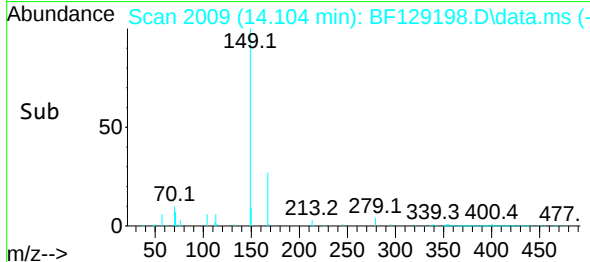
Instrument :
BNA_F
ClientSampleId :
VB16181



Tgt Ion:149 Resp: 368128
Ion Ratio Lower Upper
149 100
167 31.2 21.0 31.4
279 7.3 3.1 4.7

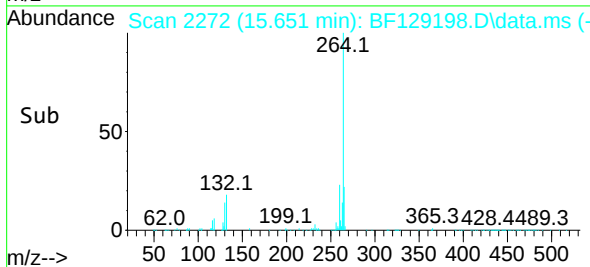
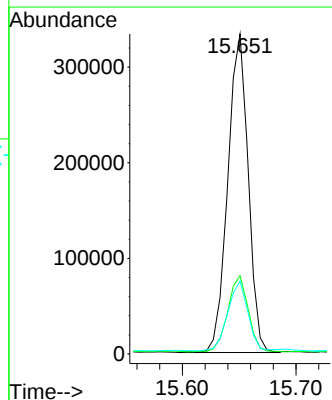
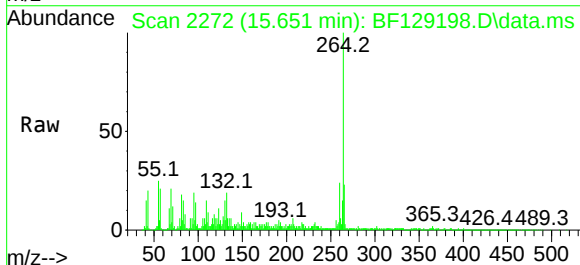
Manual Integrations
APPROVED

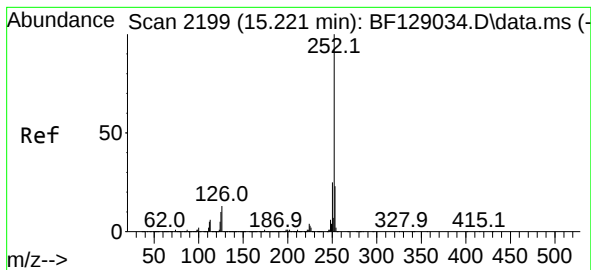
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:264 Resp: 415184
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 22.8 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.411 ng m

RT: 15.198 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129198.D

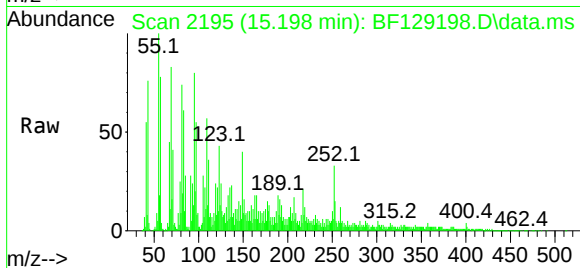
Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181



Tgt Ion:252 Resp: 60189

Ion Ratio Lower Upper

252 100

253 44.9 17.7 26.5

125 72.7 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022

