

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129733.D
 Acq On : 12 Aug 2022 00:55
 Operator : CG\JU
 Sample : N4130-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 01:27:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147793	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	554783	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	258872	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	400601	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	305135	20.000	ng	-0.01
86) Perylene-d12	15.486	264	240660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1173176	129.309	ng	0.01
7) Phenol-d6	6.493	99	1451360	127.270	ng	0.00
23) Nitrobenzene-d5	7.398	82	918988	90.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	318856	128.113	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1560750	93.266	ng	0.00
79) Terphenyl-d14	12.951	244	1475798	91.245	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.575	202	60192	2.717	ng	99
78) Pyrene	12.804	202	58471	2.292	ng	100
80) Butylbenzylphthalate	13.416	149	53798	4.861	ng	97
84) Bis(2-ethylhexyl)phtha...	13.969	149	34111	2.341	ng	97
88) Benzo(b)fluoranthene	15.051	252	37615m	2.356	ng	

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

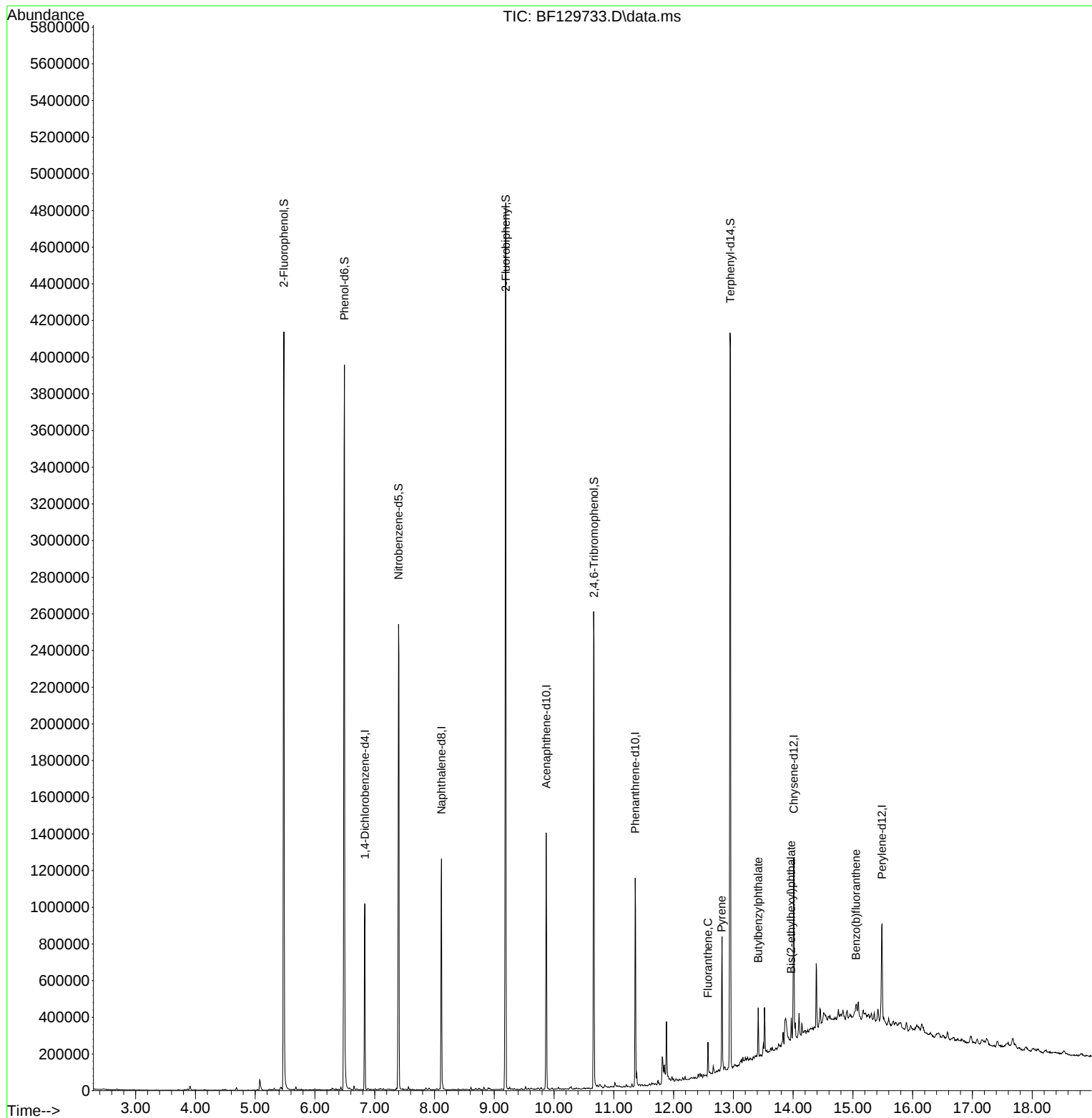
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129733.D
Acq On : 12 Aug 2022 00:55
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Sample : N4130-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

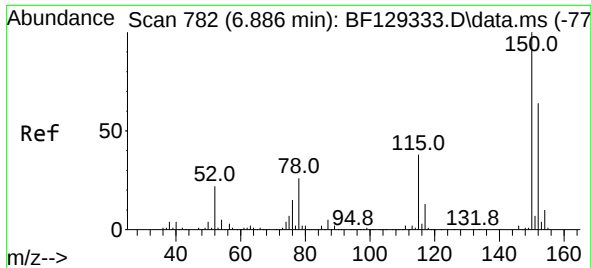
Instrument :
BNA_F
ClientSampleId :
SB04

Quant Time: Aug 12 01:27:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

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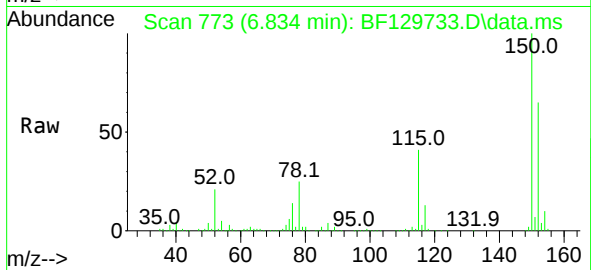
Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

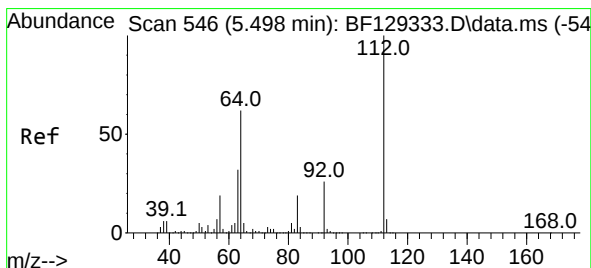
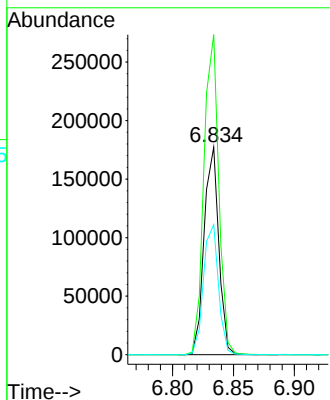
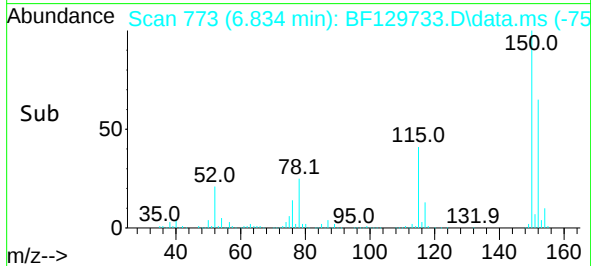
Instrument :
BNA_F
ClientSampleId :
SB04



Tgt Ion:152 Resp: 14779
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 62.6 49.9 74.9

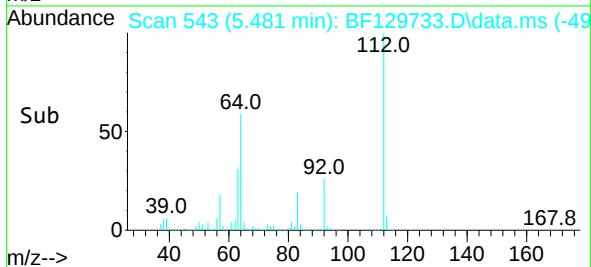
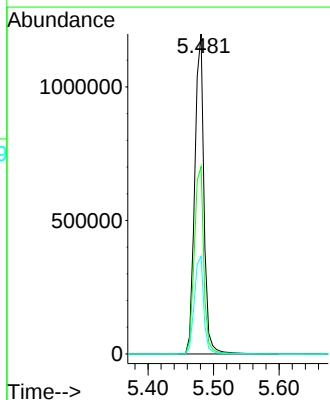
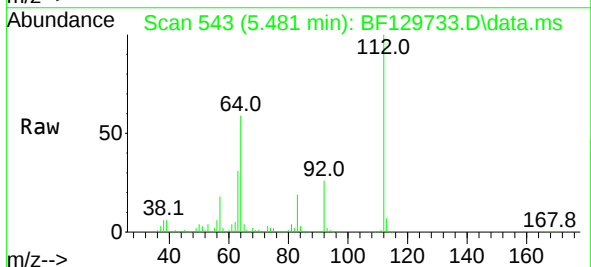
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#5
2-Fluorophenol
Concen: 129.309 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

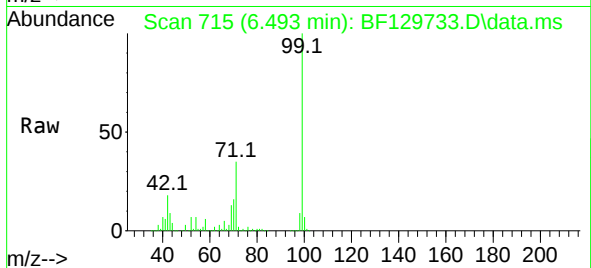
Tgt Ion:112 Resp: 1173176
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 30.5 28.0 42.0





#7
Phenol-d6
Concen: 127.270 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

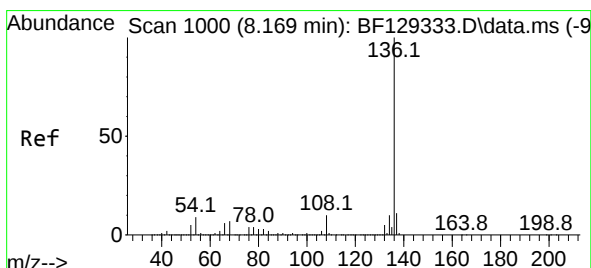
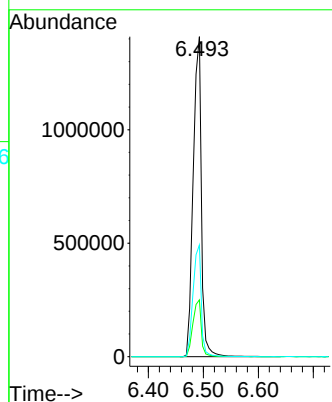
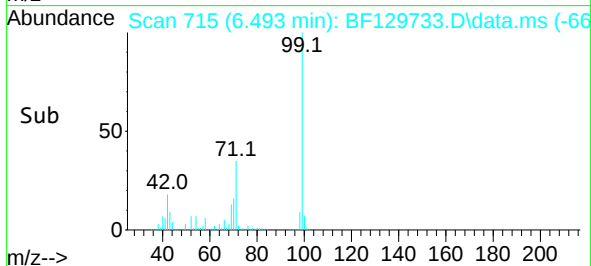
Instrument :
BNA_F
ClientSampleId :
SB04



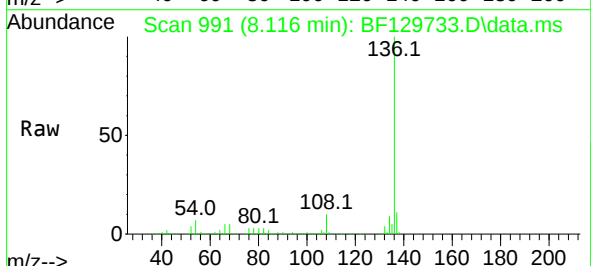
Tgt Ion: 99 Resp: 1451360
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.9 28.9 43.3

Manual Integrations
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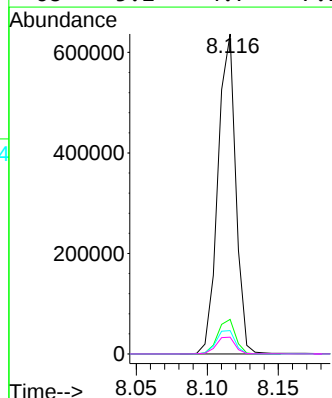
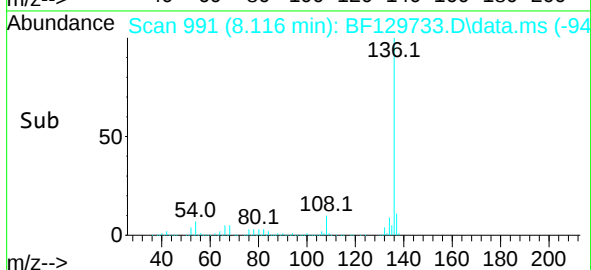
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

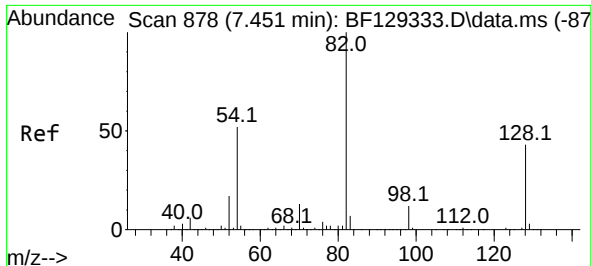


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55



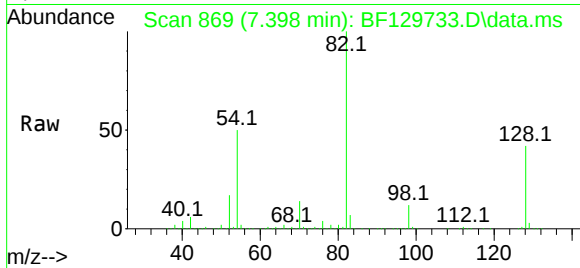
Tgt Ion:136 Resp: 554783
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 7.5 11.3#
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 90.425 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

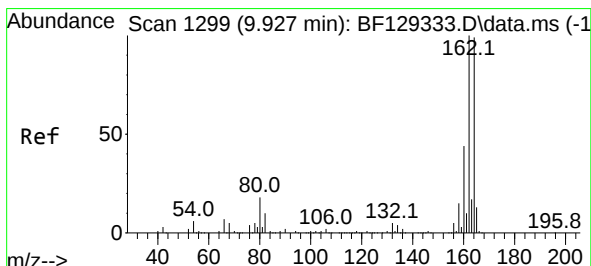
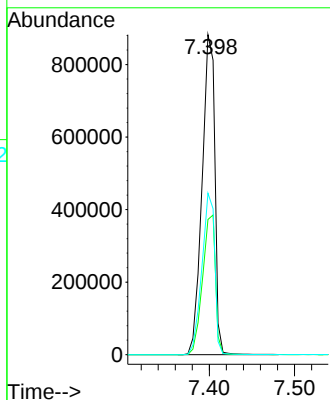
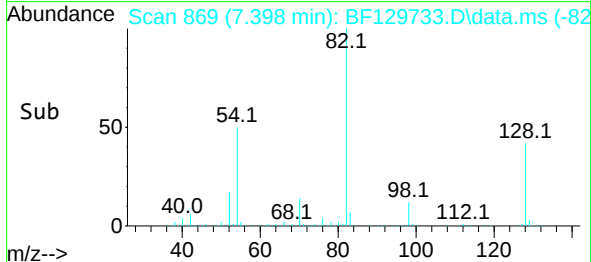
Instrument :
BNA_F
ClientSampleId :
SB04



Tgt Ion: 82 Resp: 91898
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 50.4 46.9 70.3

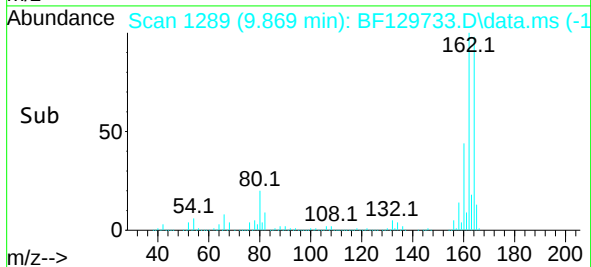
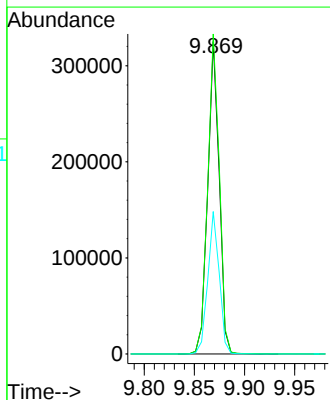
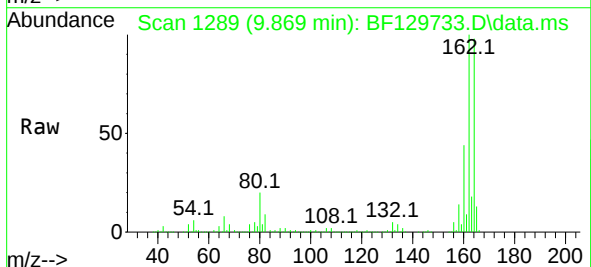
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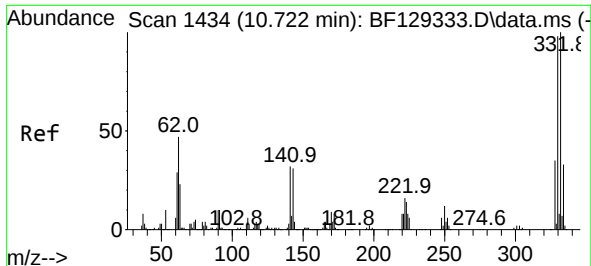
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:164 Resp: 258872
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.6 34.2 51.4





#42
 2,4,6-Tribromophenol
 Concen: 128.113 ng
 RT: 10.669 min Scan# 1434
 Delta R.T. -0.006 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

Instrument :

BNA_F

ClientSampleId :

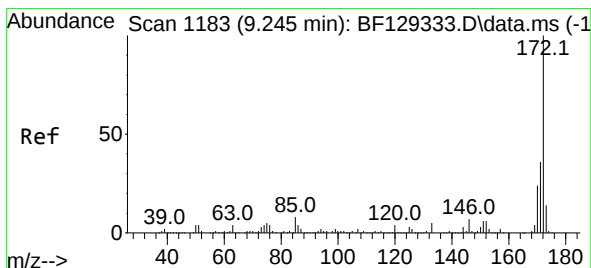
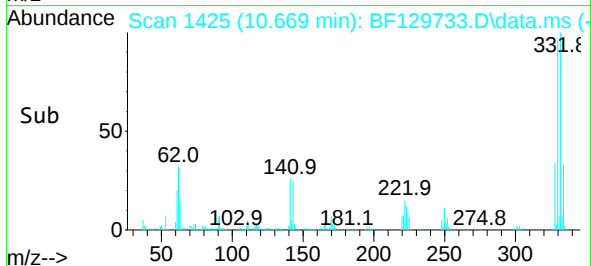
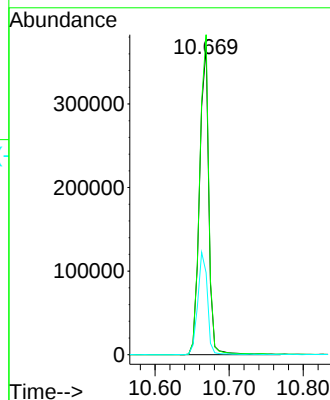
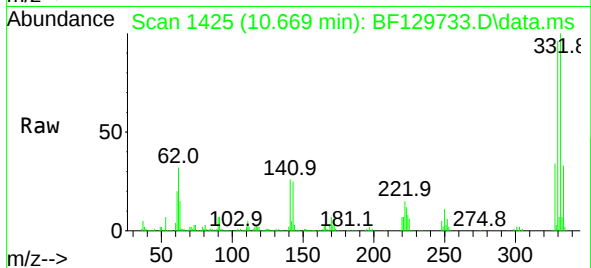
SB04

Tgt Ion:330 Resp: 318850
 Ion Ratio Lower Upper
 330 100
 332 102.4 76.8 115.2
 141 34.6 28.0 42.0

Manual Integrations

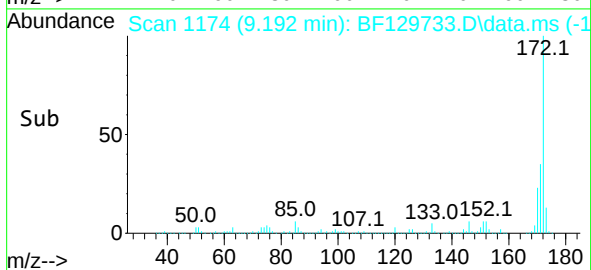
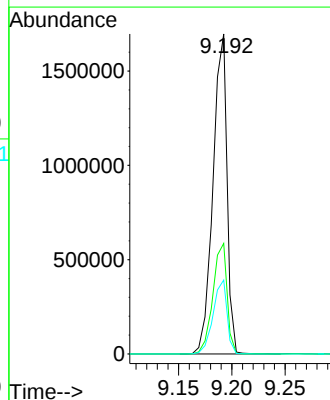
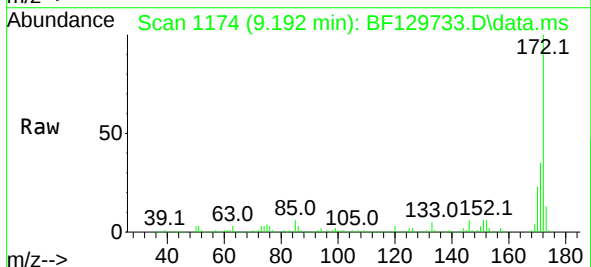
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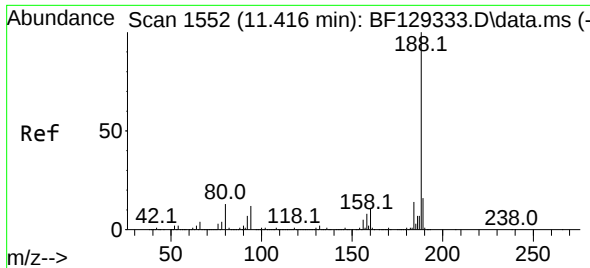
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#45
 2-Fluorobiphenyl
 Concen: 93.266 ng
 RT: 9.192 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

Tgt Ion:172 Resp: 1560750
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.1 19.8 29.8





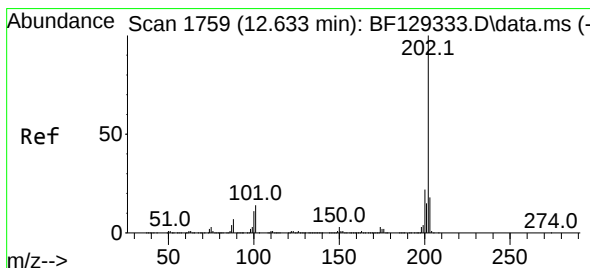
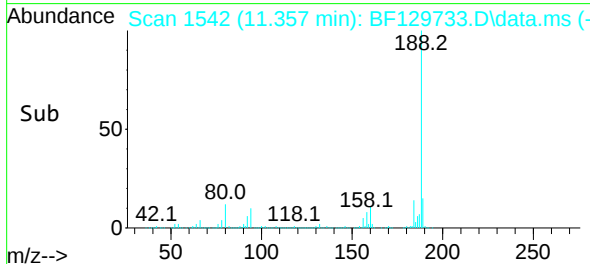
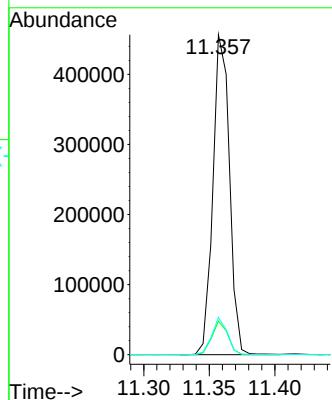
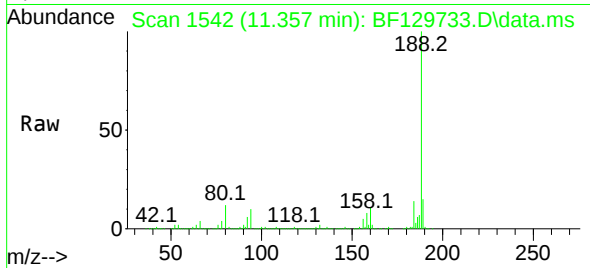
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion:188 Resp: 40060
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.6 7.6 11.4

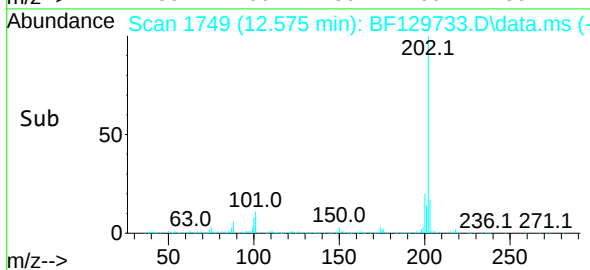
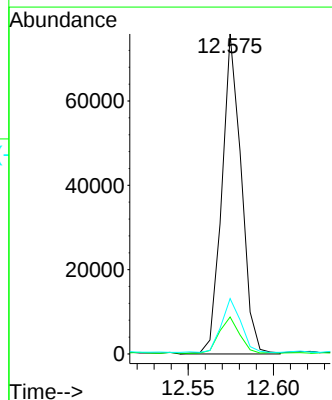
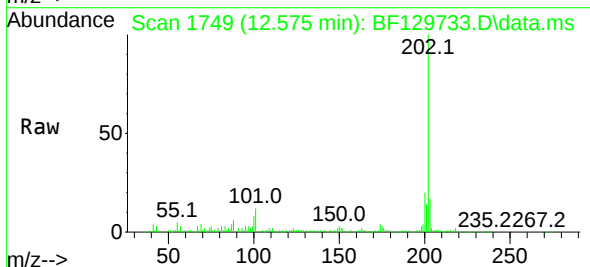
Manual Integrations
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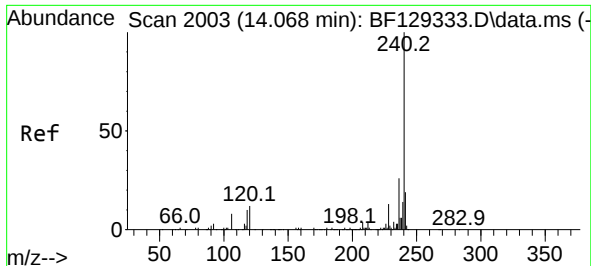
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#75
Fluoranthene
Concen: 2.717 ng
RT: 12.575 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

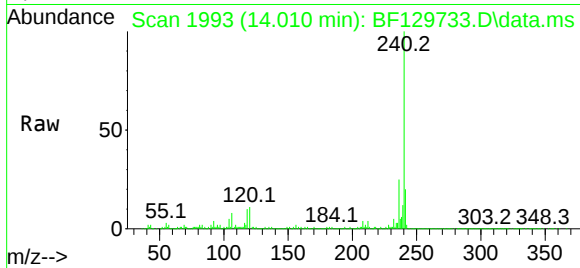
Tgt Ion:202 Resp: 60192
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

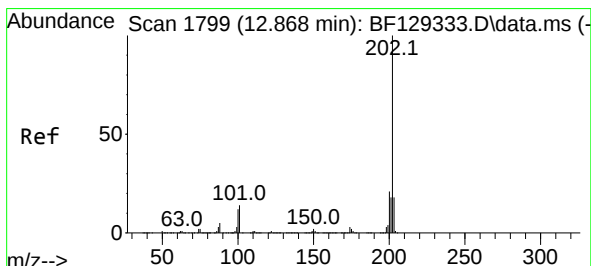
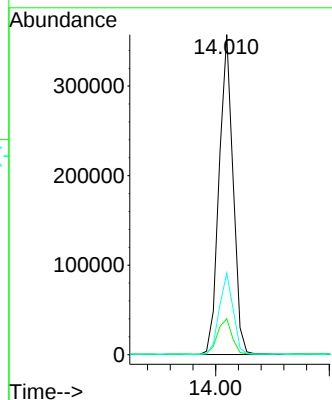
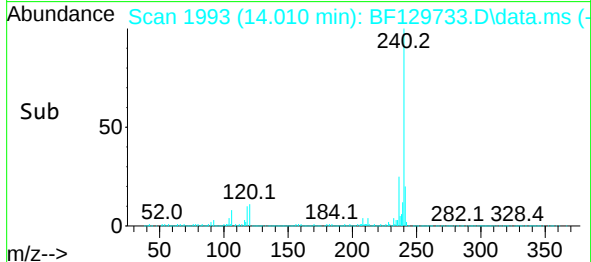
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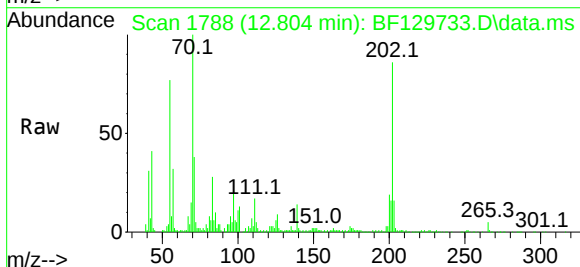
Tgt Ion:240 Resp: 30513
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.4 20.8 31.2

Manual Integrations
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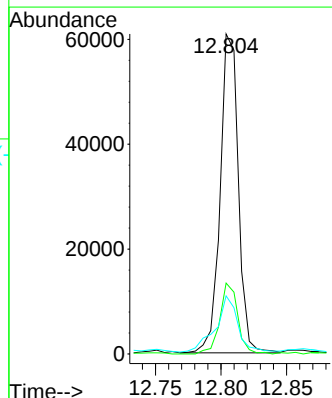
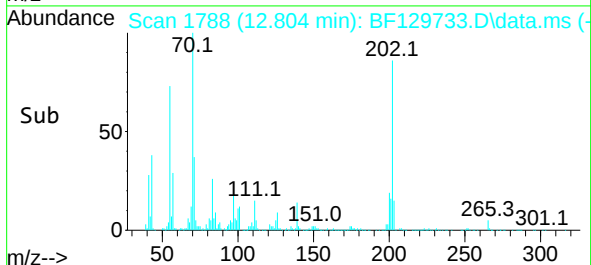
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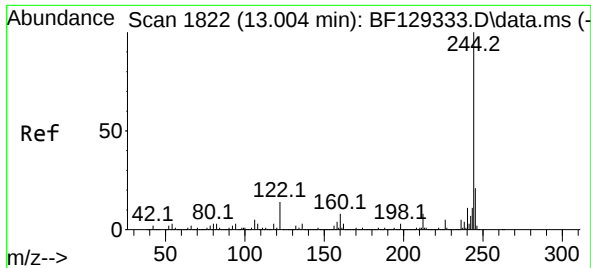


#78
Pyrene
Concen: 2.292 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55



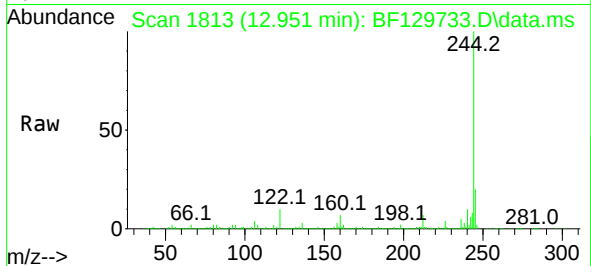
Tgt Ion:202 Resp: 58471
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 91.245 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

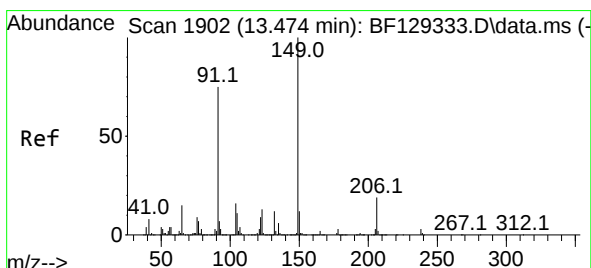
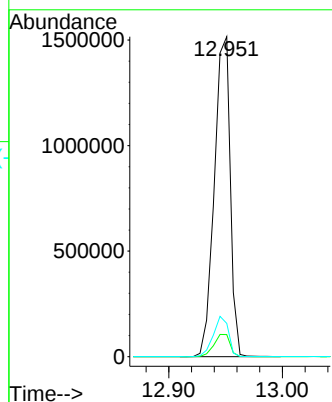
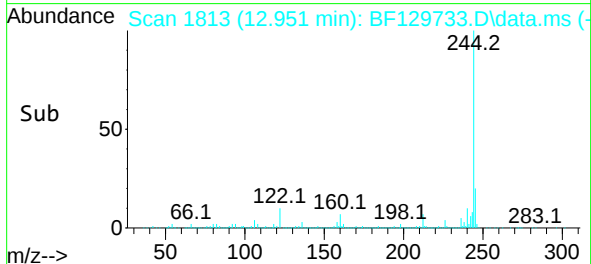
Instrument :
BNA_F
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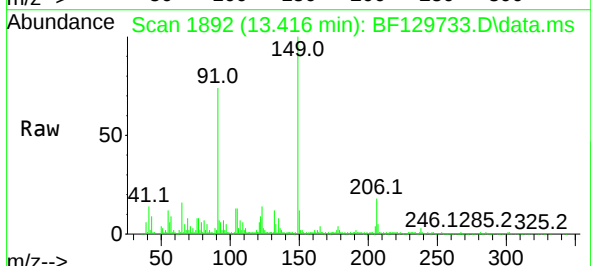
Tgt Ion:244 Resp: 1475798
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.4 8.8 13.2

Manual Integrations
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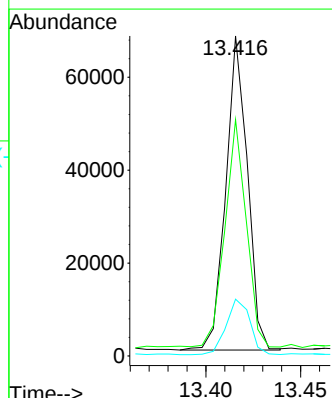
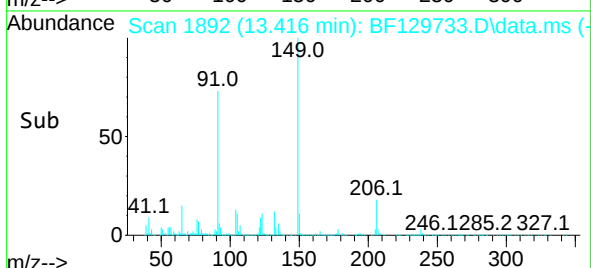
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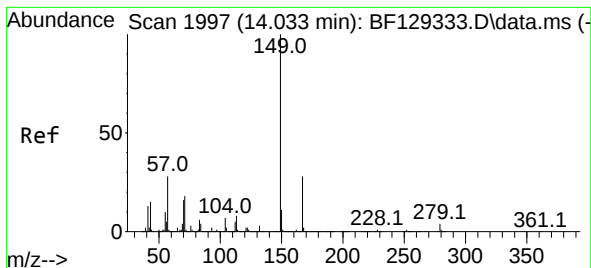


#80
Butylbenzylphthalate
Concen: 4.861 ng
RT: 13.416 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55



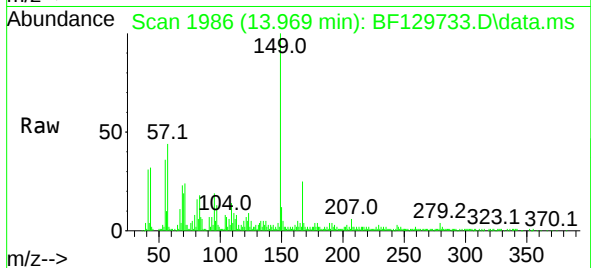
Tgt Ion:149 Resp: 53798
Ion Ratio Lower Upper
149 100
91 73.9 61.2 91.8
206 17.7 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.341 ng
RT: 13.969 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

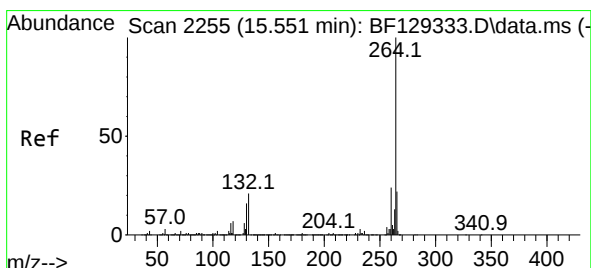
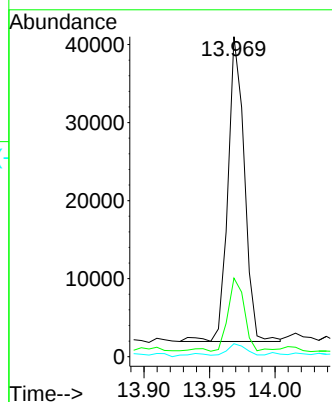
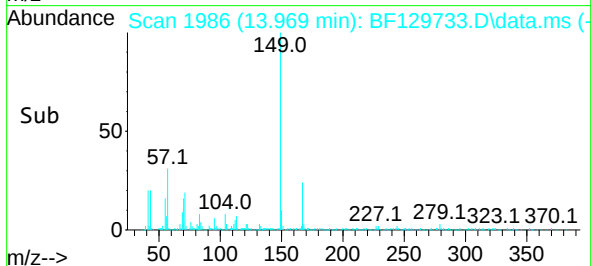
Instrument :
BNA_F
ClientSampleId :
SB04



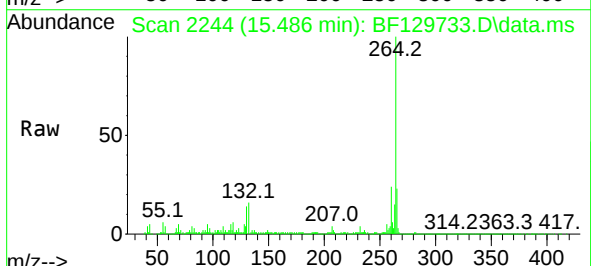
Tgt Ion:149 Resp: 3411
Ion Ratio Lower Upper
149 100
167 24.5 21.0 31.4
279 4.0 3.1 4.7

Manual Integrations
APPROVED

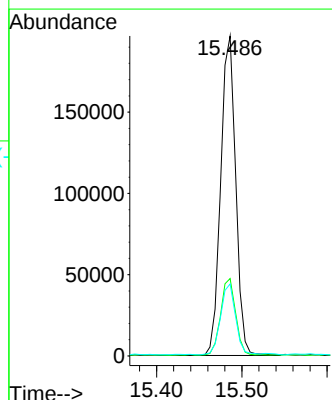
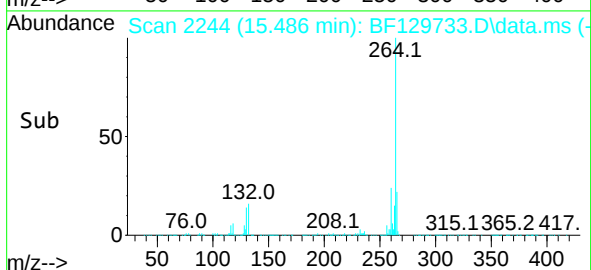
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

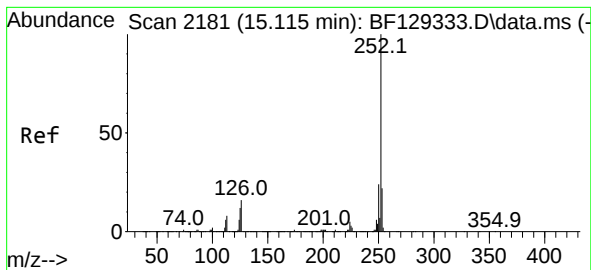


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55



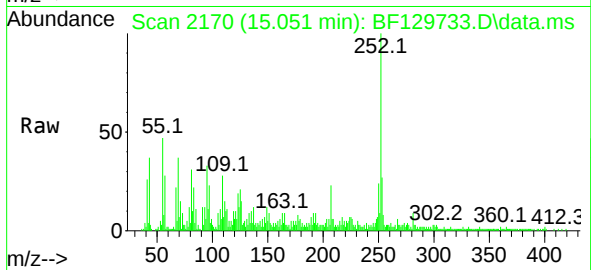
Tgt Ion:264 Resp: 240660
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.356 ng m
RT: 15.051 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Instrument :
BNA_F
ClientSampleId :
SB04



Tgt Ion:252 Resp: 37615
Ion Ratio Lower Upper
252 100
253 27.2 17.7 26.5
125 20.5 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

