

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129322.D
 Acq On : 22 Jul 2022 18:42
 Operator : CG\JU
 Sample : N3830-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-20-0010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 01:28:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	121350	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	479511	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	247532	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	378705	20.000	ng	0.00
76) Chrysene-d12	14.063	240	219336	20.000	ng	-0.02
86) Perylene-d12	15.557	264	238474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	6746	0.907	ng	0.00
7) Phenol-d6	6.510	99	156793	16.532	ng	-0.02
23) Nitrobenzene-d5	7.451	82	329633	36.984	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.251	172	667851	41.505	ng	0.00
79) Terphenyl-d14	13.004	244	532050	45.178	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	275596	13.259	ng	100
75) Fluoranthene	12.639	202	463053	21.859	ng	98
78) Pyrene	12.869	202	312138	16.639	ng	98
81) Benzo(a)anthracene	14.051	228	72307	4.787	ng	97
83) Chrysene	14.086	228	68149	4.781	ng	98
88) Benzo(b)fluoranthene	15.115	252	53605m	3.377	ng	
90) Benzo(a)pyrene	15.492	252	29286	2.280	ng	98

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

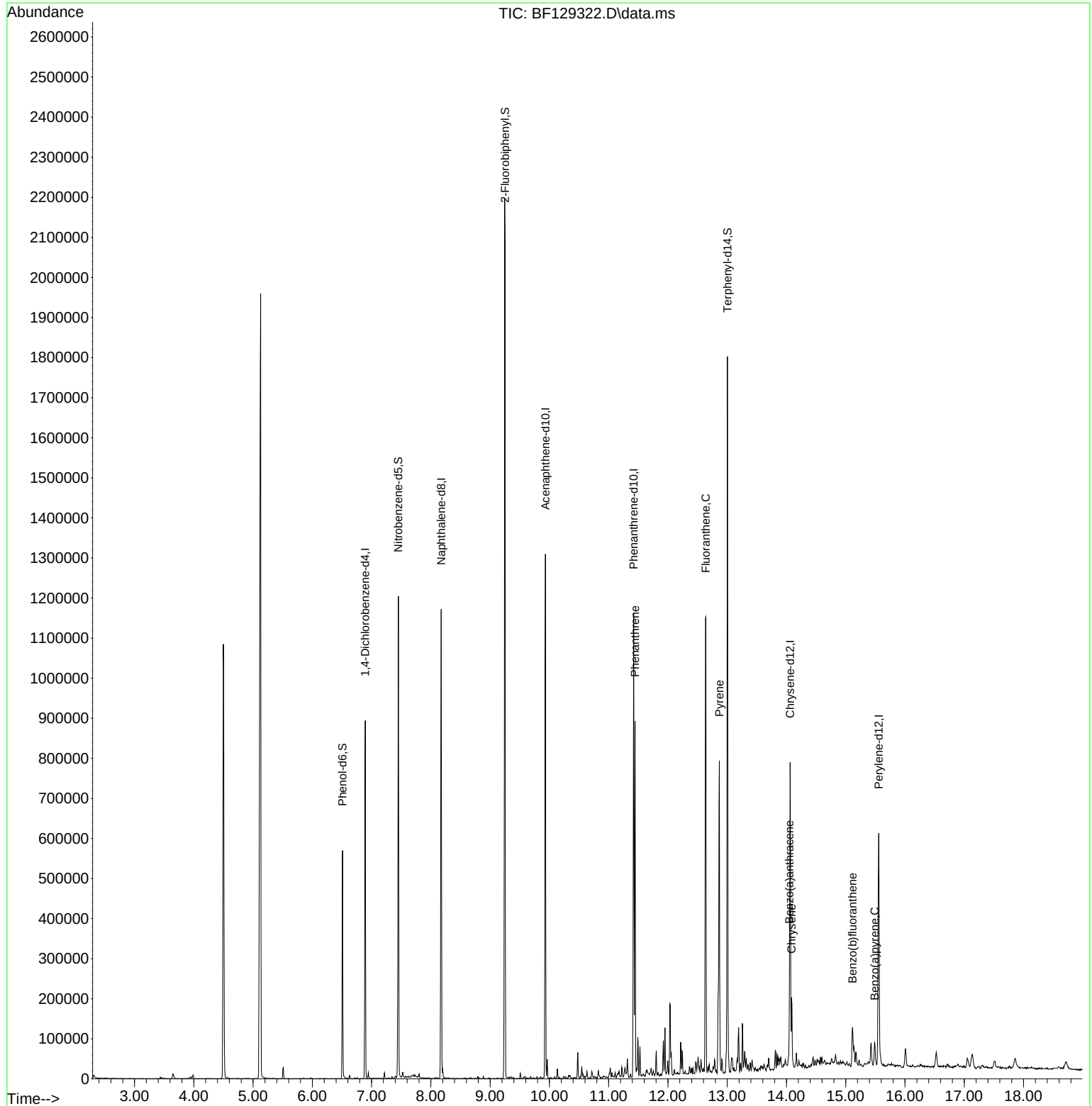
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129322.D
Acq On : 22 Jul 2022 18:42
Operator : CG\JU
Sample : N3830-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

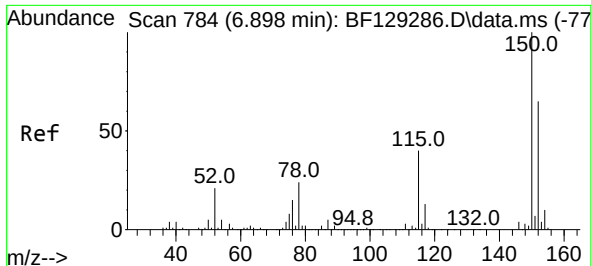
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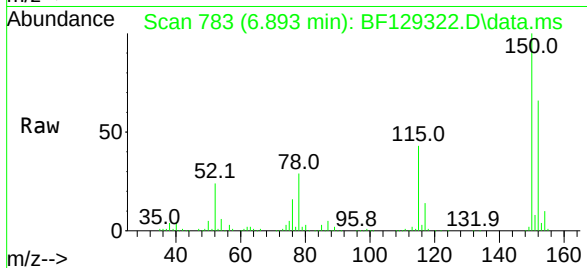
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010

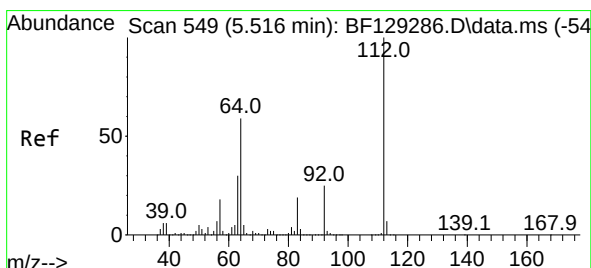
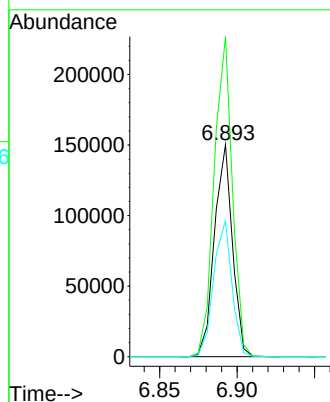
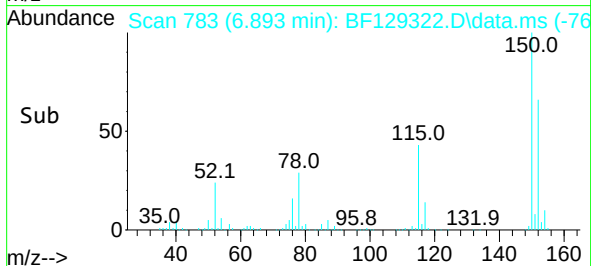


Tgt Ion:152 Resp: 121350
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 64.1 49.9 74.9

Manual Integrations

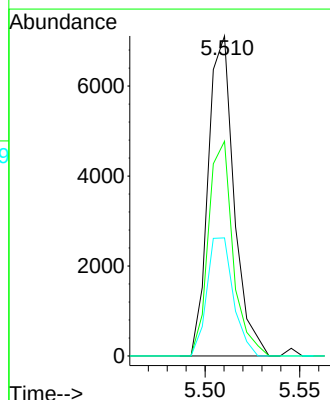
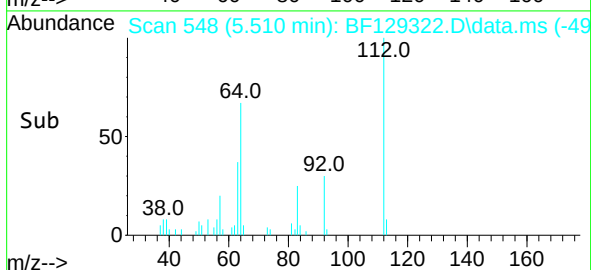
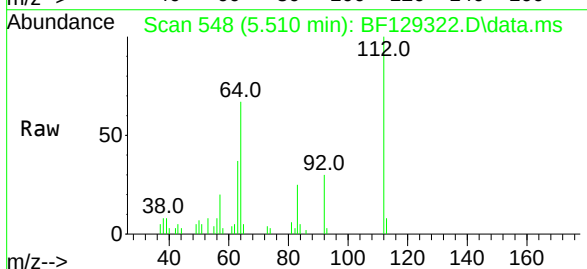
APPROVED

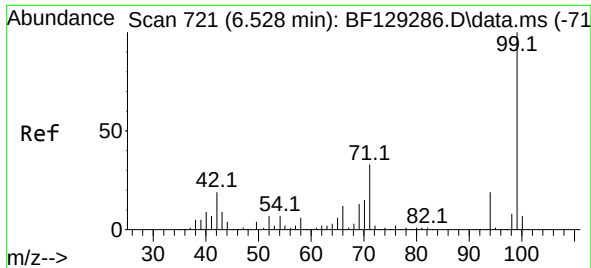
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#5
2-Fluorophenol
Concen: 0.907 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

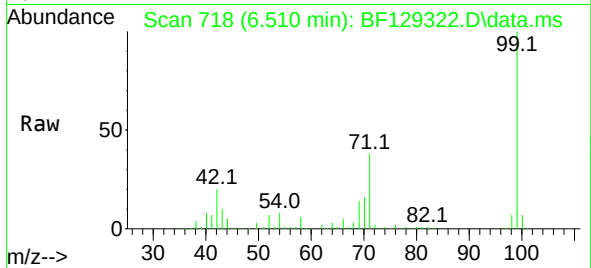
Tgt Ion:112 Resp: 6746
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.9 28.0 42.0





#7
Phenol-d6
Concen: 16.532 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

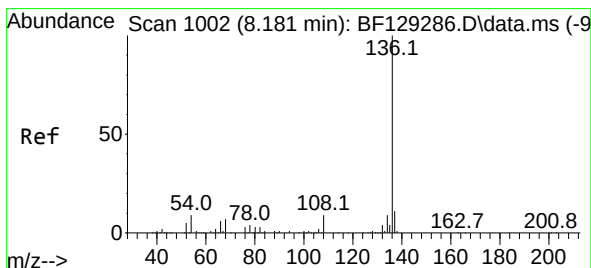
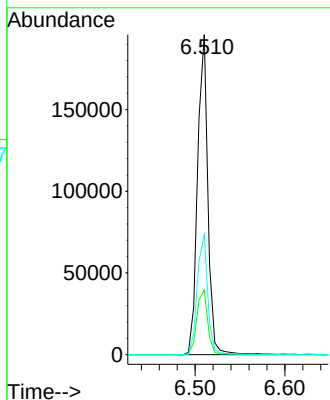
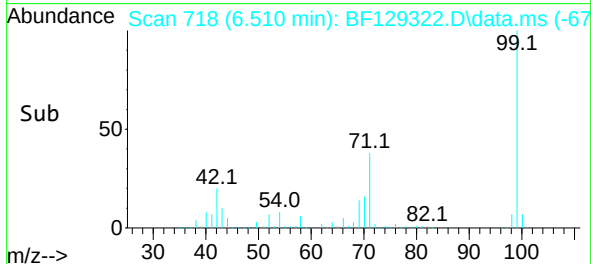
Instrument :
BNA_F
ClientSampleId :
RBR-20-0010



Tgt Ion: 99 Resp: 15679
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 37.6 28.9 43.3

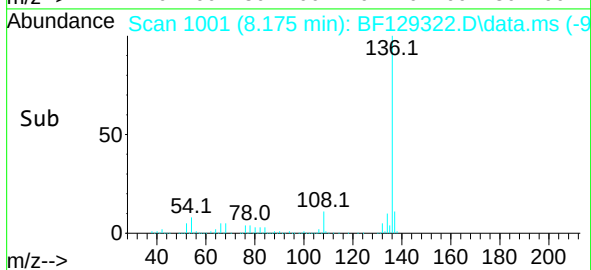
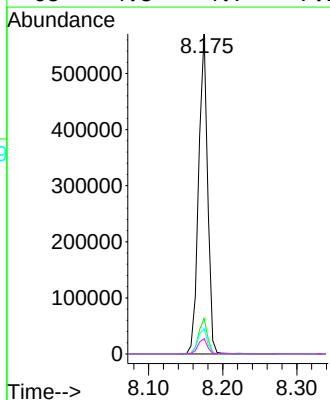
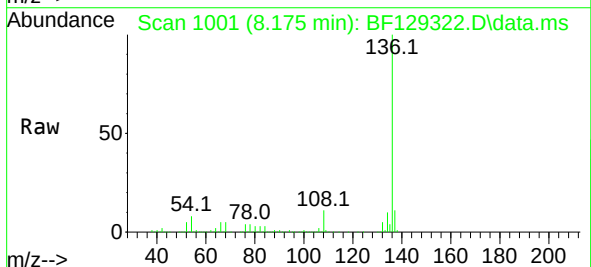
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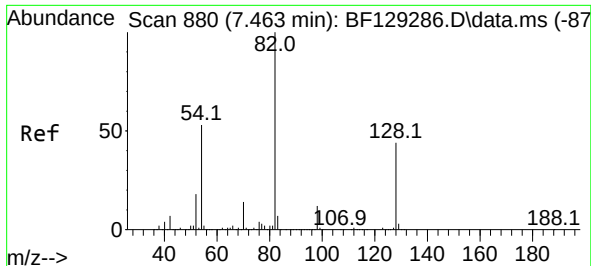
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Tgt Ion:136 Resp: 479511
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 7.5 11.3
68 4.8 4.7 7.1





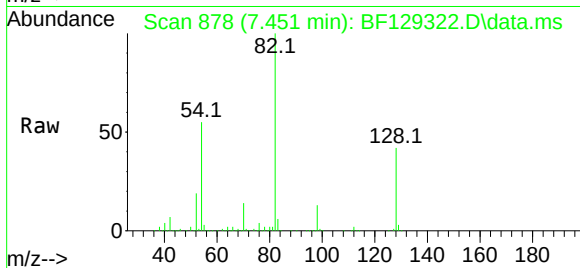
#23
Nitrobenzene-d5
Concen: 36.984 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010

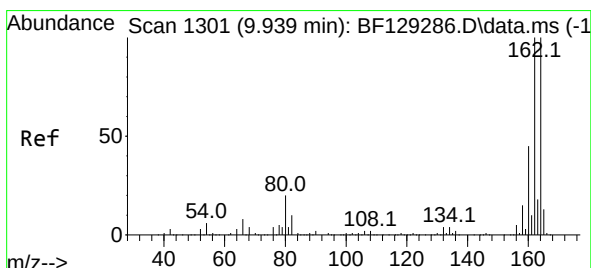
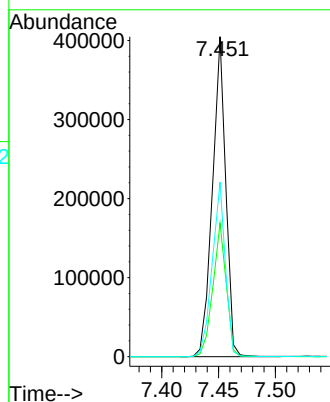
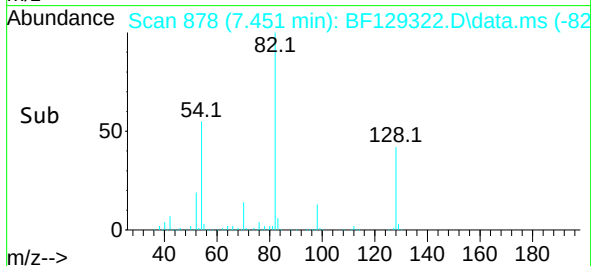


Tgt Ion: 82 Resp: 32963
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 54.5 46.9 70.3

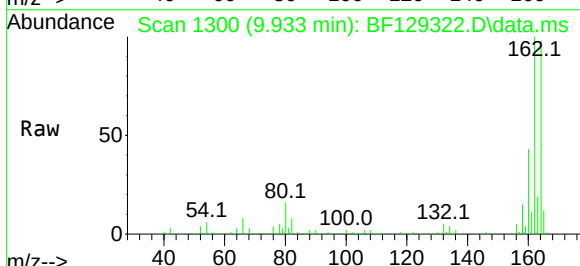
Manual Integrations

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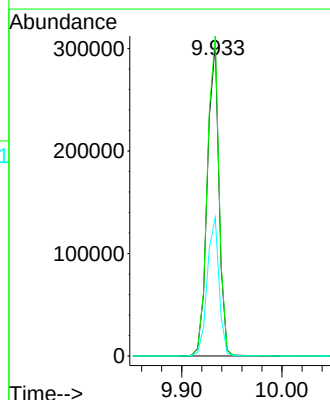
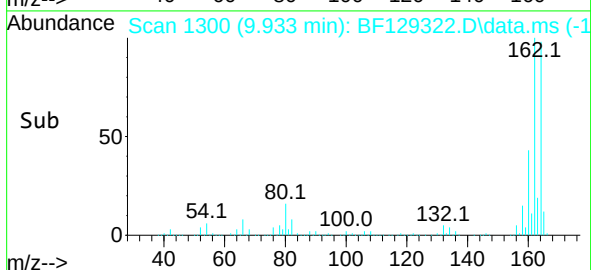
Reviewed By :Christian Giraldo 07/25/2022
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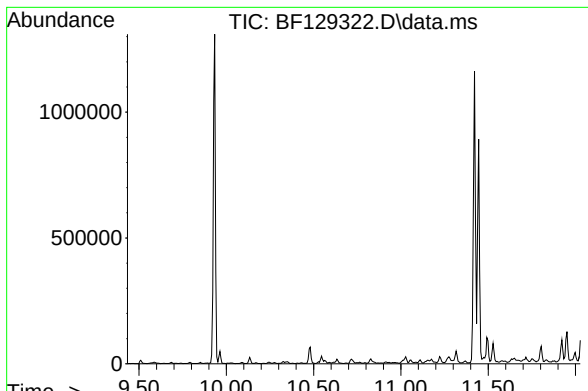


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42



Tgt Ion:164 Resp: 247532
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.2 34.2 51.4





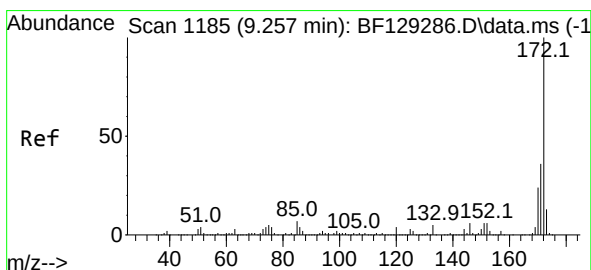
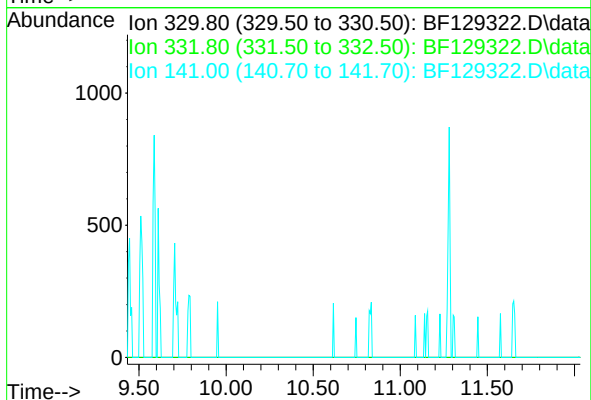
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.73 min
 Lab File: BF129322.D
 Acq: 22 Jul 2022 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-20-0010

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0

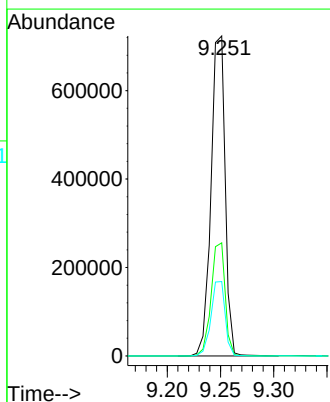
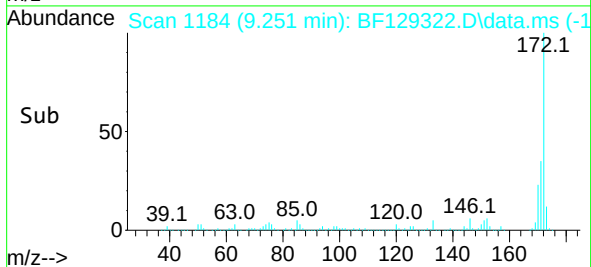
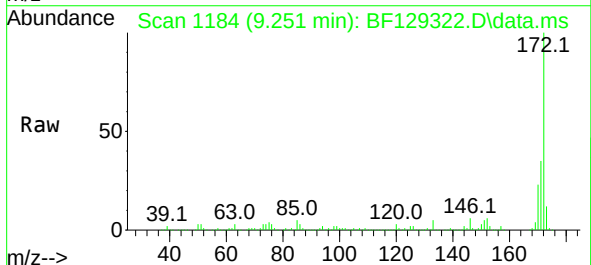
Manual Integrations
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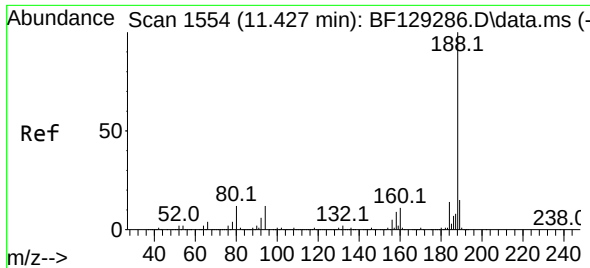
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#45
 2-Fluorobiphenyl
 Concen: 41.505 ng
 RT: 9.251 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BF129322.D
 Acq: 22 Jul 2022 18:42

Tgt Ion:172 Resp: 667851
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.2 19.8 29.8





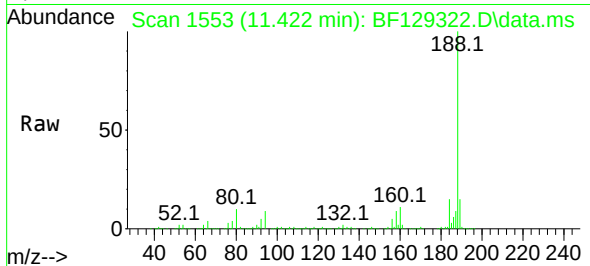
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010

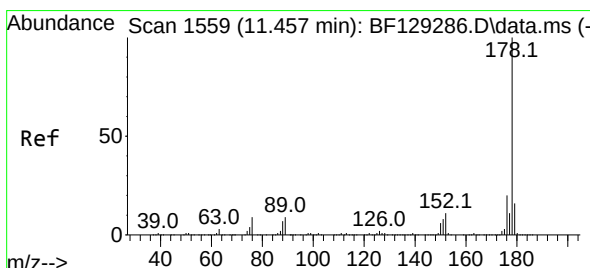
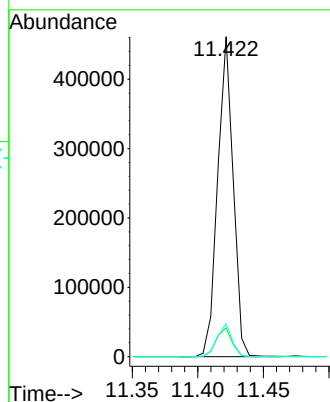
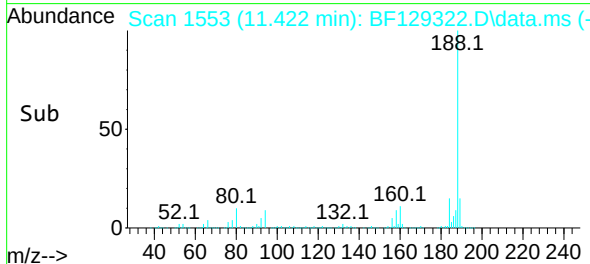


Tgt Ion:188 Resp: 37870
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.3 7.6 11.4

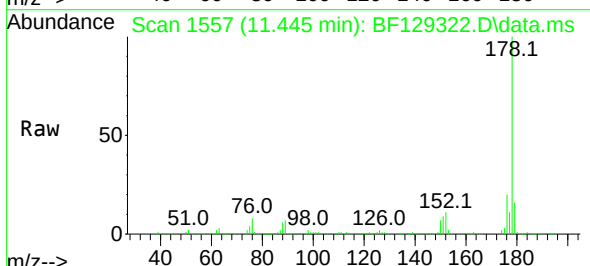
Manual Integrations

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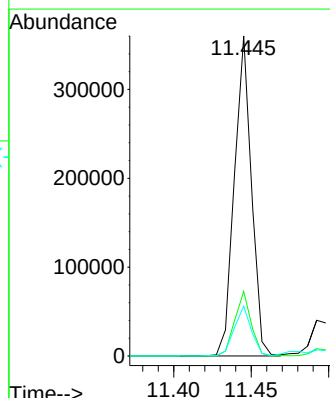
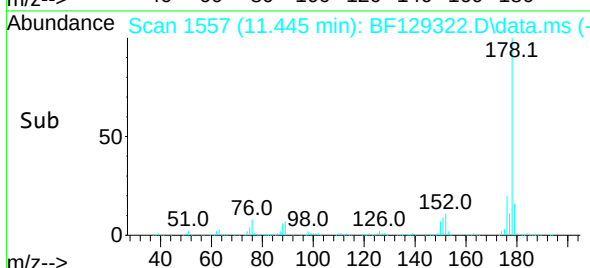
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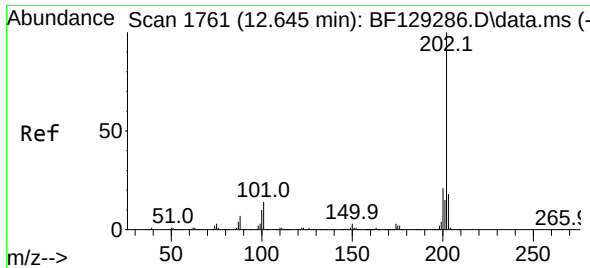


#71
Phenanthrene
Concen: 13.259 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42



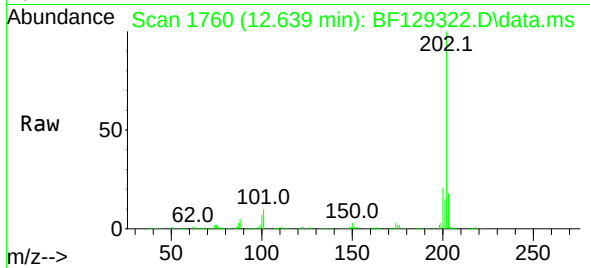
Tgt Ion:178 Resp: 275596
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.6 12.6 19.0





#75
Fluoranthene
Concen: 21.859 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

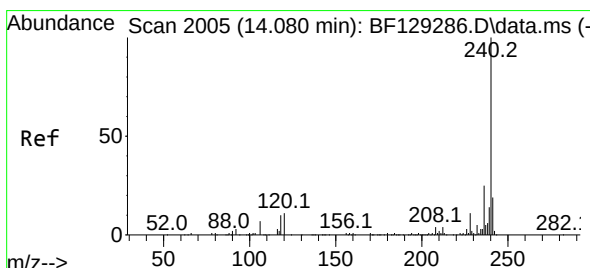
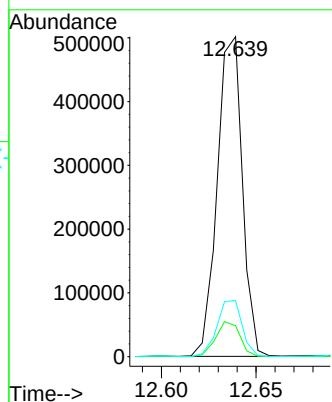
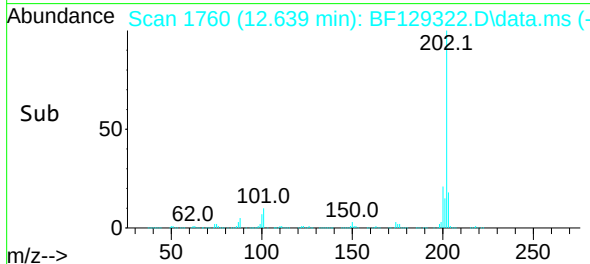
Instrument :
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ClientSampleId :
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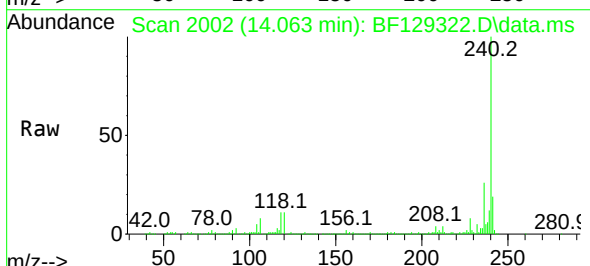
Tgt Ion:202 Resp: 46305
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 17.5 0.0 38.0

Manual Integrations
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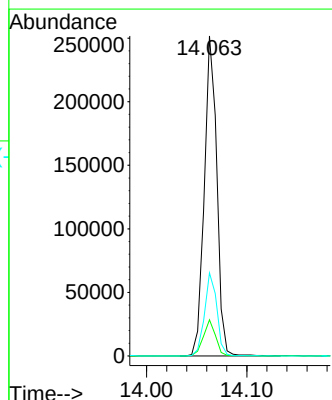
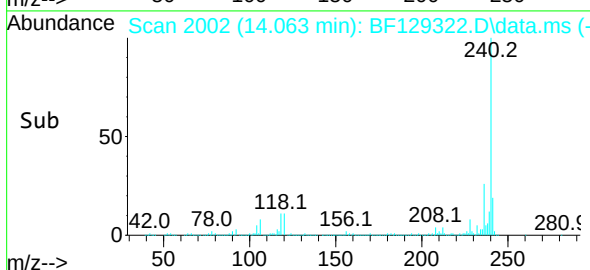
Reviewed By :Christian Giraldo 07/25/2022
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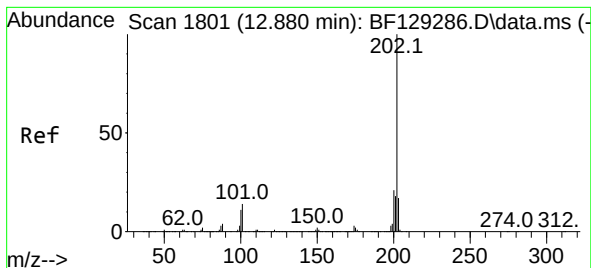


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.018 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42



Tgt Ion:240 Resp: 219336
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.0 20.8 31.2





#78

Pyrene

Concen: 16.639 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129322.D

Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010

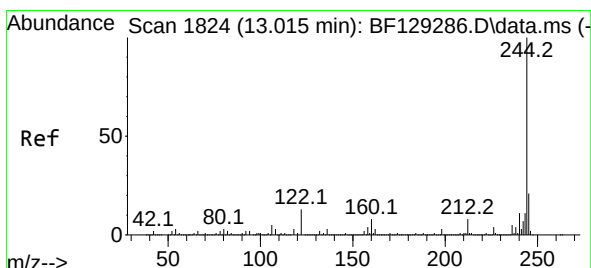
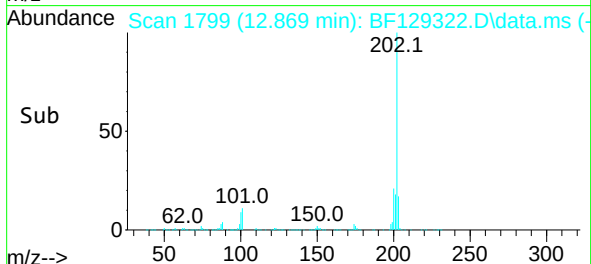
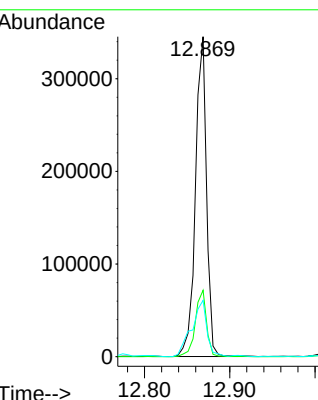
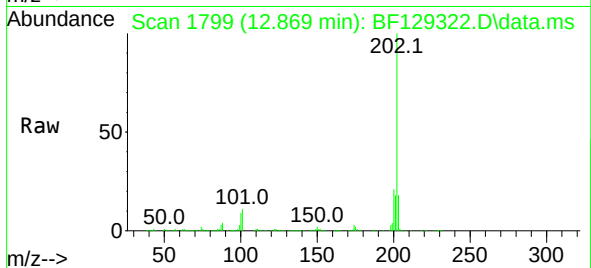
Tgt Ion:202 Resp: 312138
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.7 26.5
 203 17.6 14.6 21.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 45.178 ng

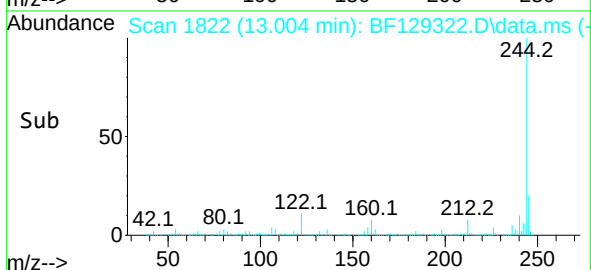
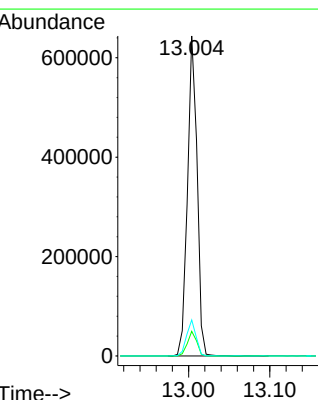
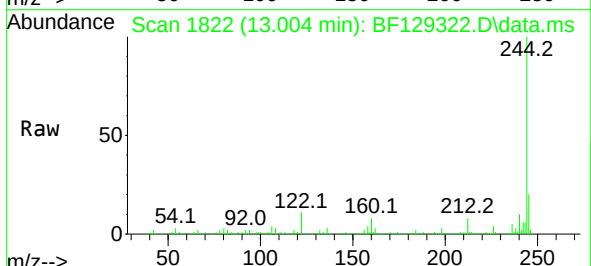
RT: 13.004 min Scan# 1822

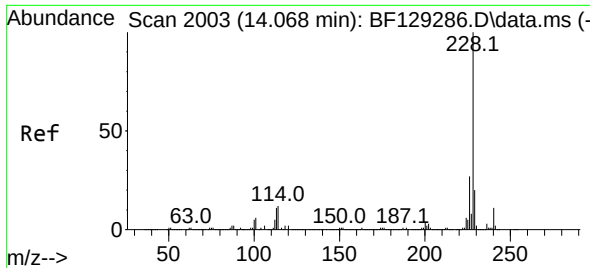
Delta R.T. -0.012 min

Lab File: BF129322.D

Acq: 22 Jul 2022 18:42

Tgt Ion:244 Resp: 532050
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.3 8.8 13.2





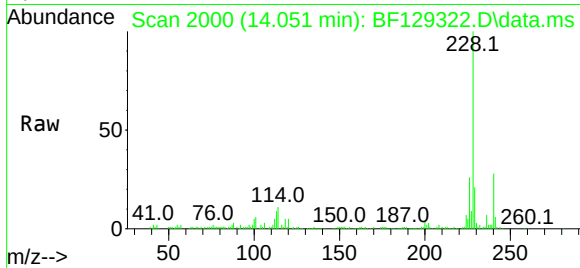
#81
Benzo(a)anthracene
Concen: 4.787 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.018 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010

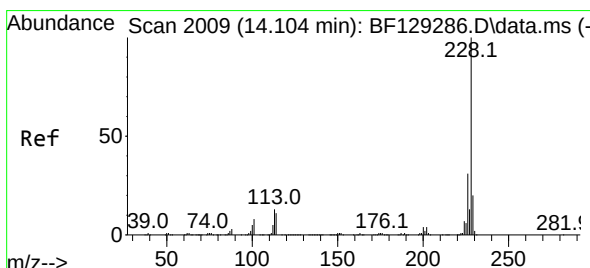
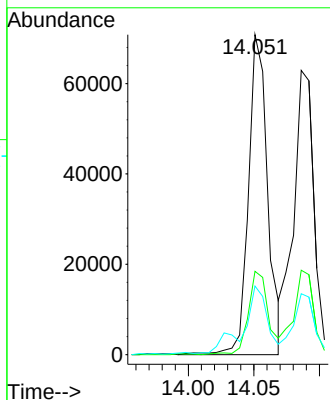
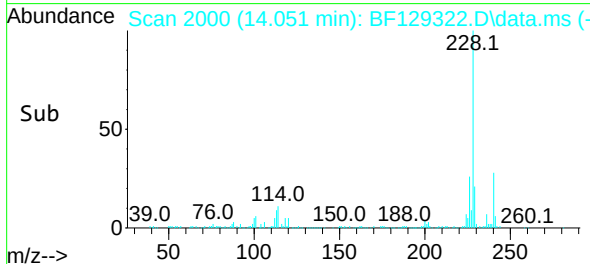


Tgt Ion:228 Resp: 72307
Ion Ratio Lower Upper
228 100
226 26.1 22.1 33.1
229 21.4 15.8 23.8

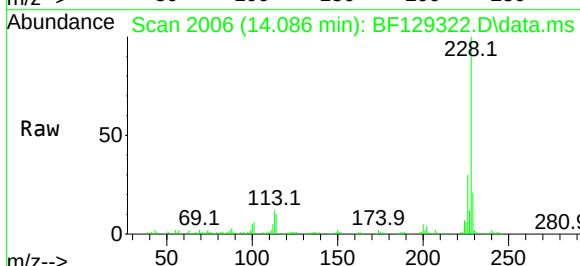
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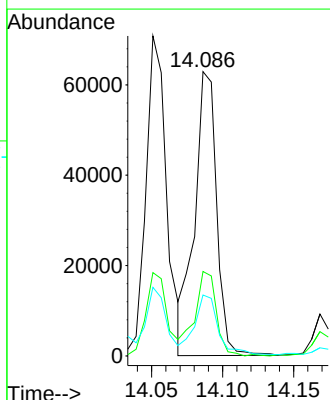
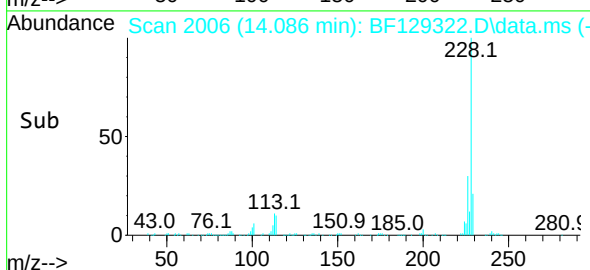
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

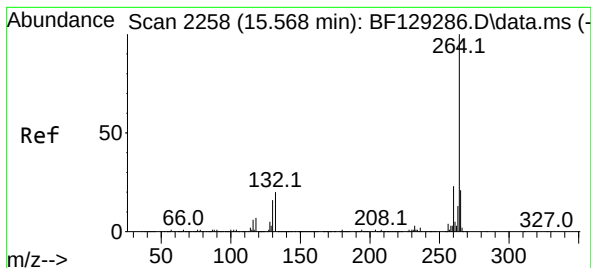


#83
Chrysene
Concen: 4.781 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42



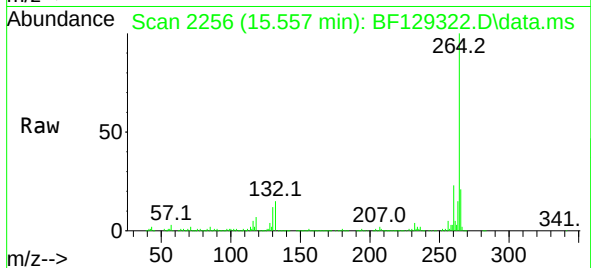
Tgt Ion:228 Resp: 68149
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 21.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

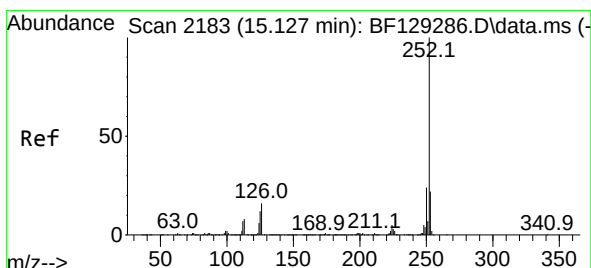
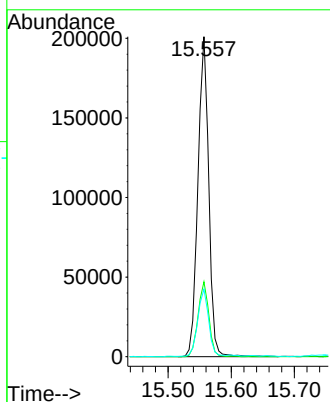
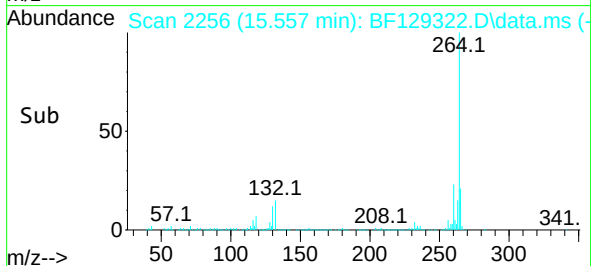
Instrument :
BNA_F
ClientSampleId :
RBR-20-0010



Tgt Ion:264 Resp: 238474
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.2 25.8

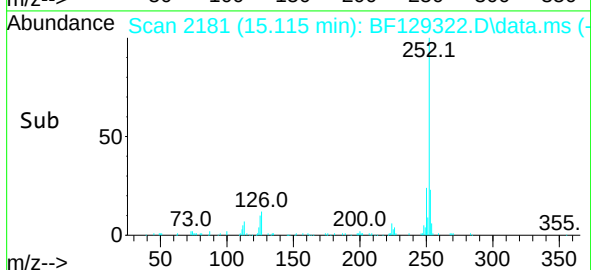
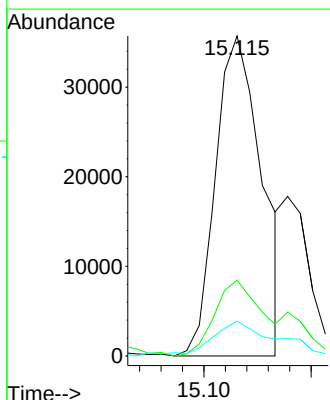
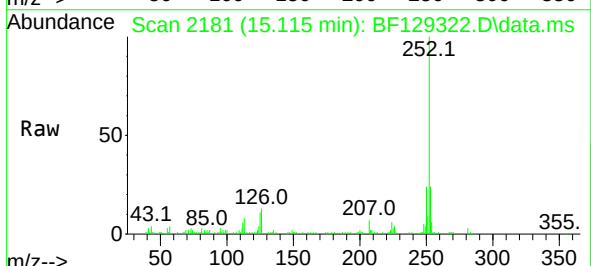
Manual Integrations
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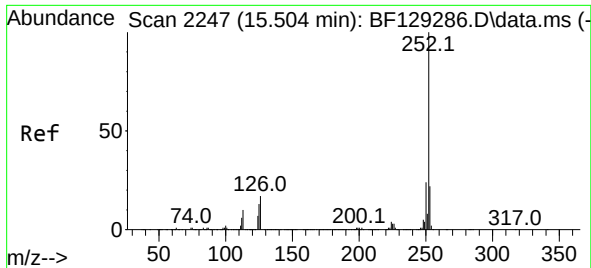
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#88
Benzo(b)fluoranthene
Concen: 3.377 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129322.D
Acq: 22 Jul 2022 18:42

Tgt Ion:252 Resp: 53605
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 10.9 8.0 12.0





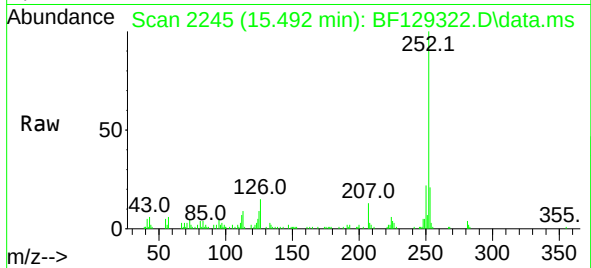
#90
 Benzo(a)pyrene
 Concen: 2.280 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129322.D
 Acq: 22 Jul 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-20-0010



Tgt Ion:252 Resp: 29280
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.0 25.6
 125 9.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

