

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129133.D
 Acq On : 05 Jul 2022 20:07
 Operator : CG\JU
 Sample : N3568-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-07012022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/06/2022
 Supervised By : Jagrut Upadhyay 07/06/2022

Quant Time: Jul 06 02:26:21 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	342015	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1209662	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	527649	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	849294	20.000	ng	0.00
76) Chrysene-d12	14.145	240	692831	20.000	ng	0.00
86) Perylene-d12	15.668	264	491185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1985523	98.147	ng	0.00
7) Phenol-d6	6.581	99	2400272	95.533	ng	0.00
23) Nitrobenzene-d5	7.516	82	1485228	73.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	514750	89.718	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2517332	76.323	ng	0.00
79) Terphenyl-d14	13.098	244	2463682	73.844	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	198637	4.895	ng	98
75) Fluoranthene	12.715	202	293224	6.909	ng	97
78) Pyrene	12.951	202	270258	5.628	ng	96
81) Benzo(a)anthracene	14.133	228	114974	2.718	ng #	90
83) Chrysene	14.168	228	123721	3.150	ng #	93
88) Benzo(b)fluoranthene	15.209	252	119330m	4.040	ng	
90) Benzo(a)pyrene	15.598	252	73328	3.045	ng #	85

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

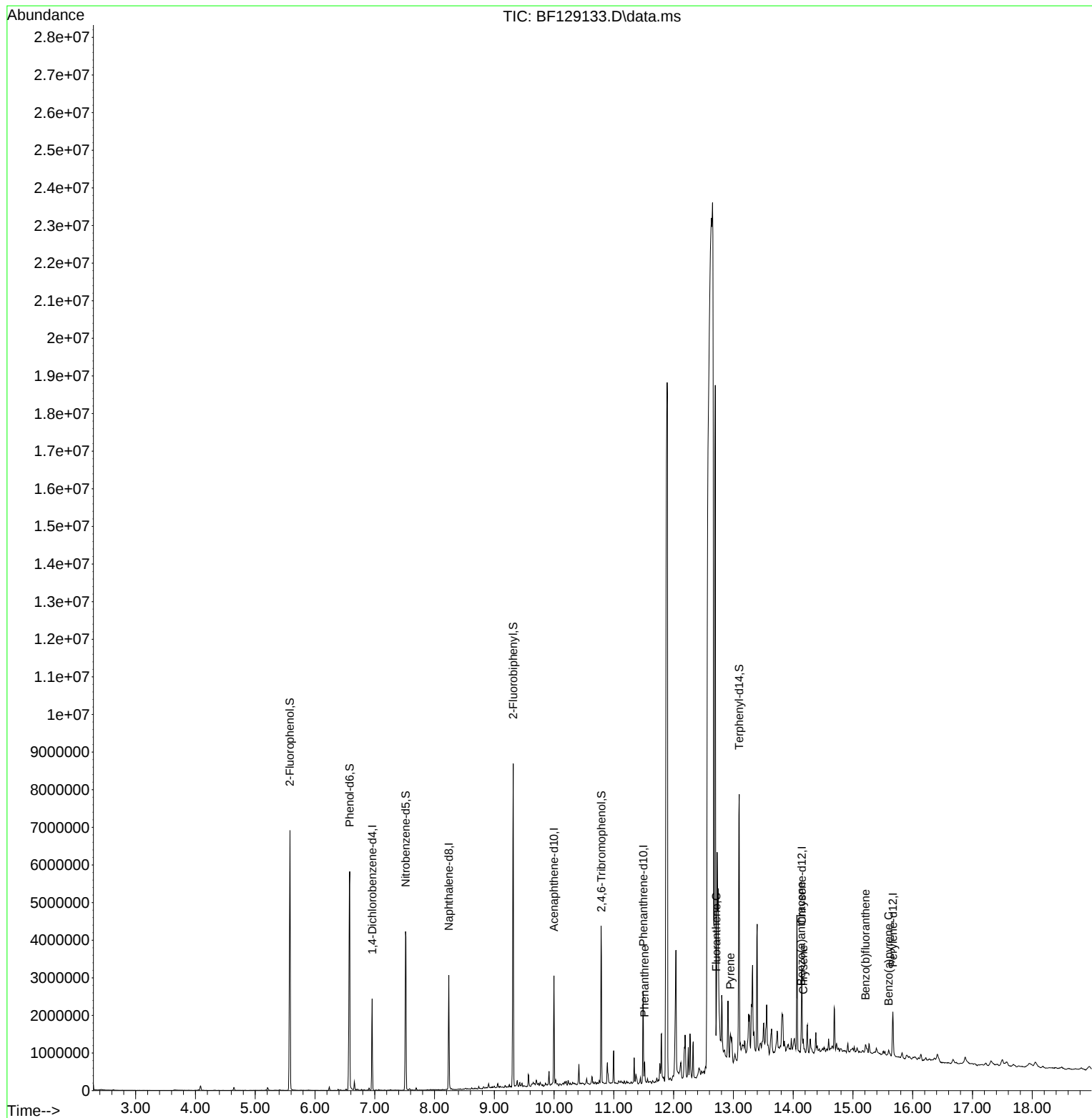
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129133.D
Acq On : 05 Jul 2022 20:07
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Sample : N3568-01
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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Manual Integrations
APPROVED

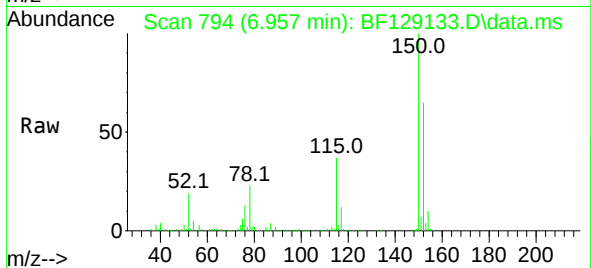
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

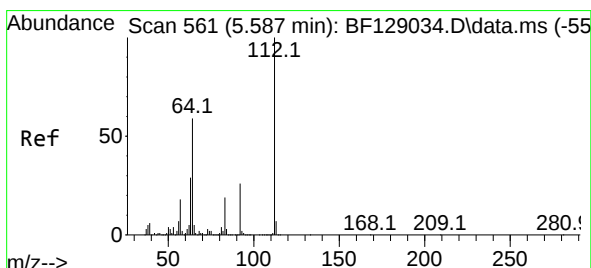
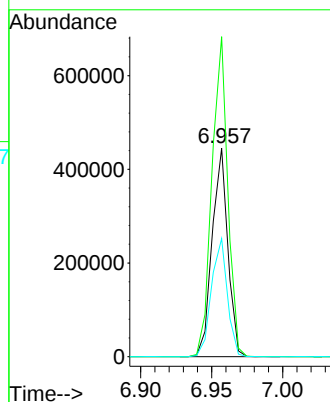
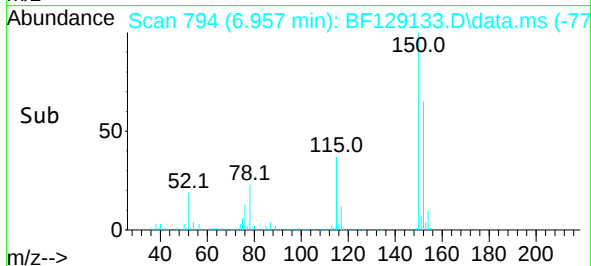
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



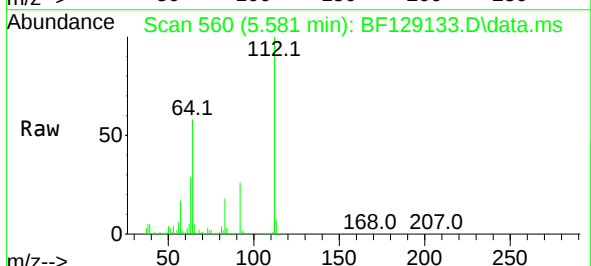
Tgt Ion:152 Resp: 342015
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 56.6 49.9 74.9

Manual Integrations
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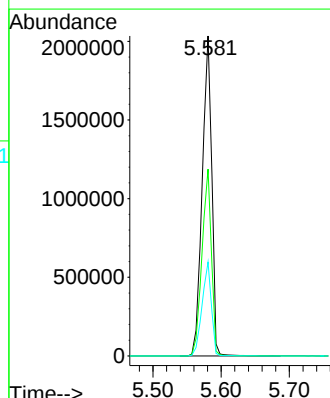
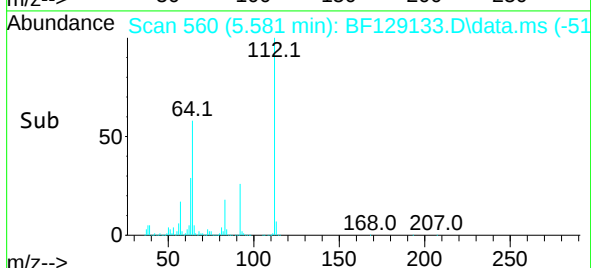
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#5
2-Fluorophenol
Concen: 98.147 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07



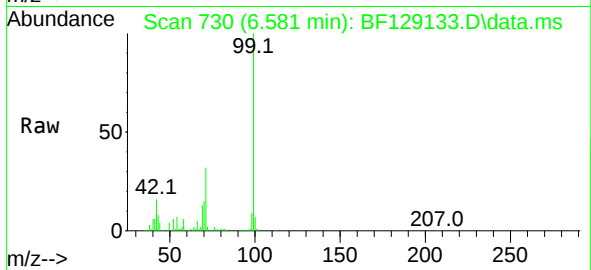
Tgt Ion:112 Resp: 1985523
Ion Ratio Lower Upper
112 100
64 58.4 53.3 79.9
63 29.3 28.0 42.0





#7
Phenol-d6
Concen: 95.533 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

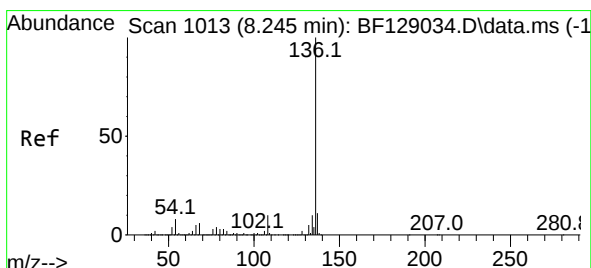
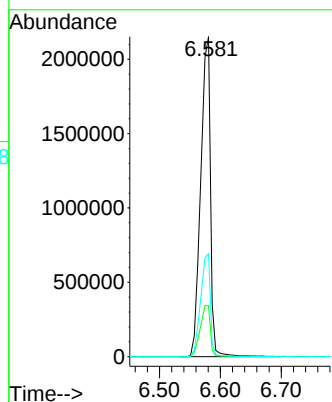
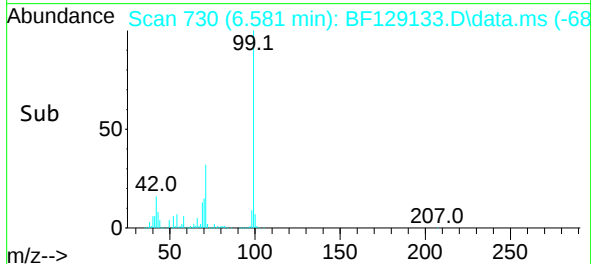
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



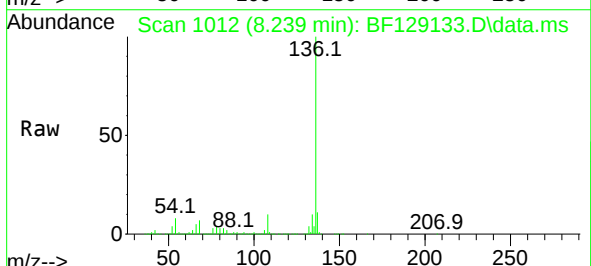
Tgt Ion: 99 Resp: 2400272
Ion Ratio Lower Upper
99 100
42 16.0 17.3 25.9
71 32.1 28.9 43.3

Manual Integrations
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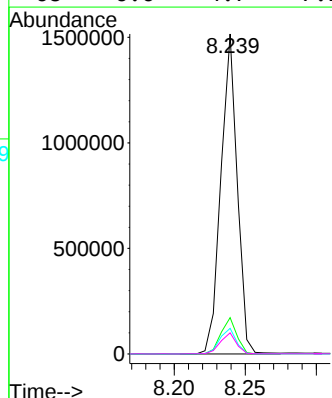
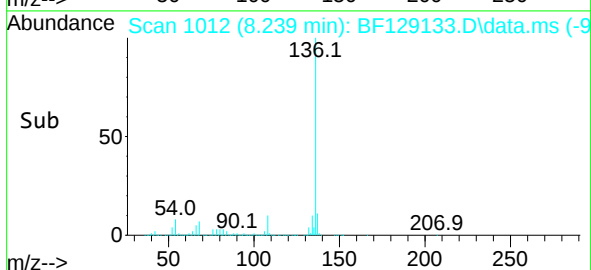
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

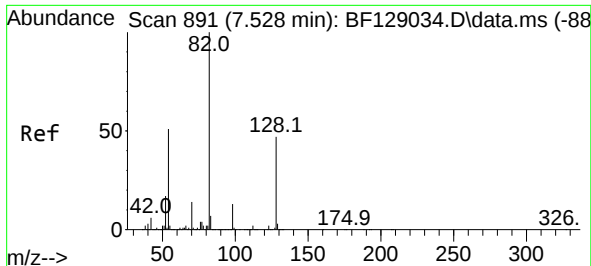


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07



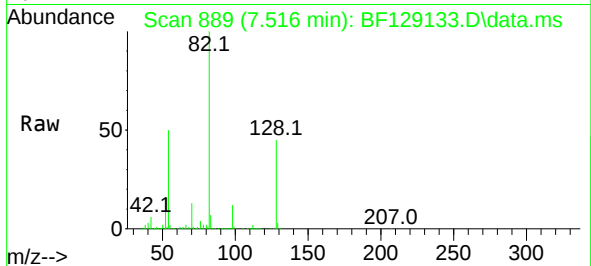
Tgt Ion:136 Resp: 1209662
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 7.5 11.3
68 6.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 73.234 ng
RT: 7.516 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

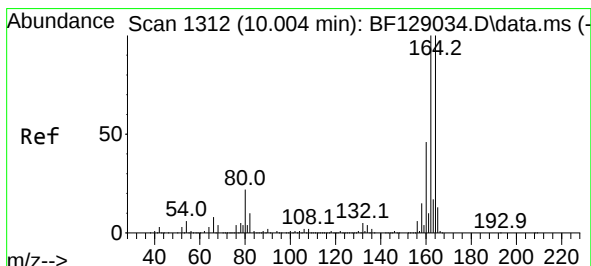
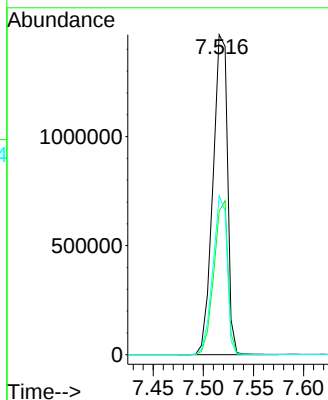
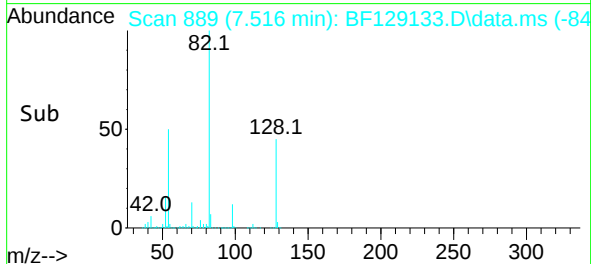
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



Tgt Ion: 82 Resp: 1485228
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 49.7 46.9 70.3

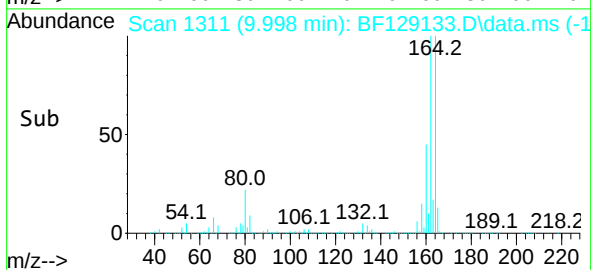
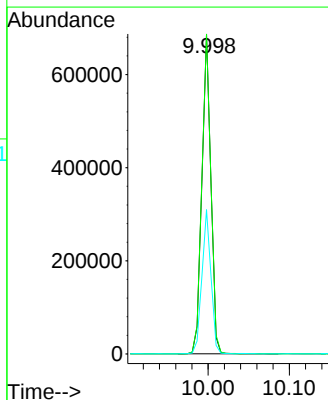
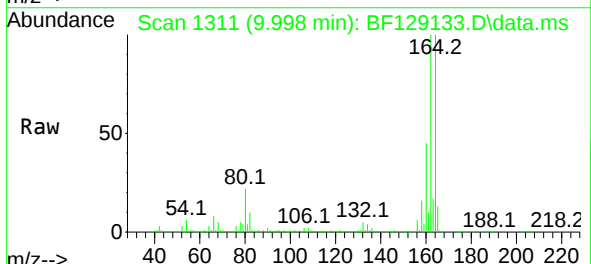
Manual Integrations
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Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

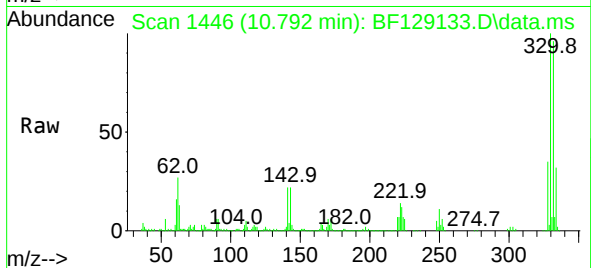
Tgt Ion:164 Resp: 527649
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 89.718 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

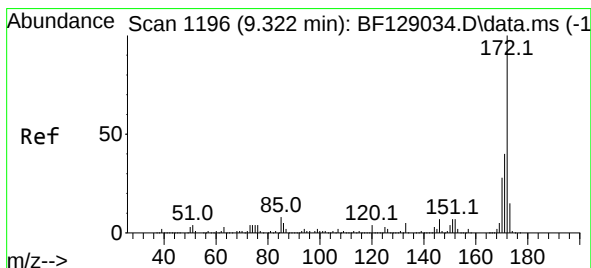
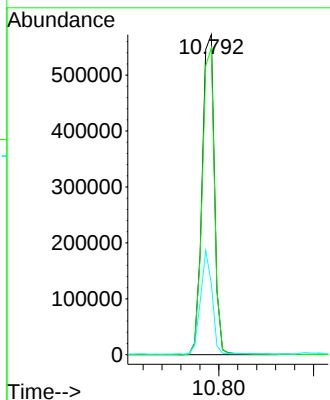
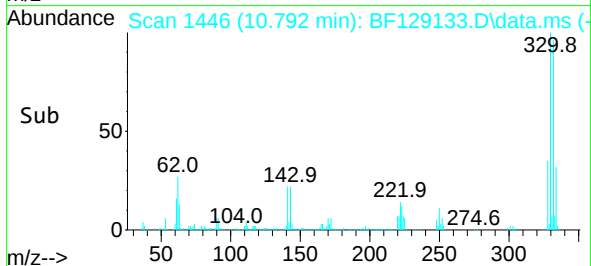
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



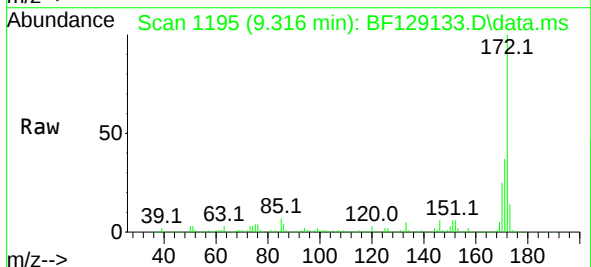
Tgt Ion:330 Resp: 514750
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 30.5 28.0 42.0

Manual Integrations
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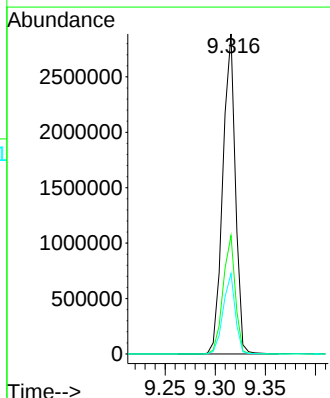
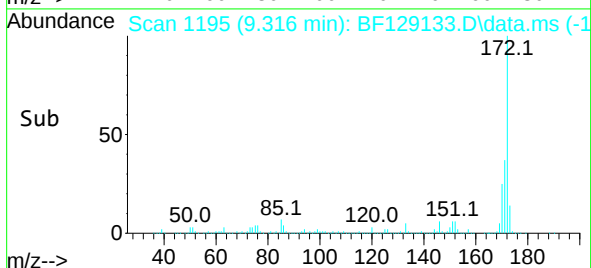
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

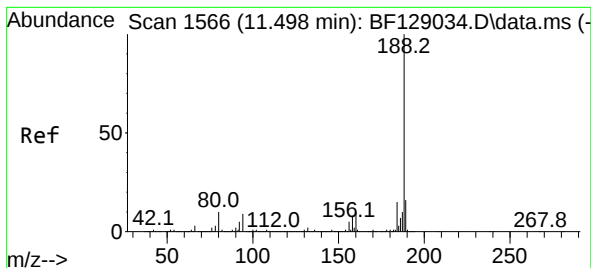


#45
2-Fluorobiphenyl
Concen: 76.323 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07



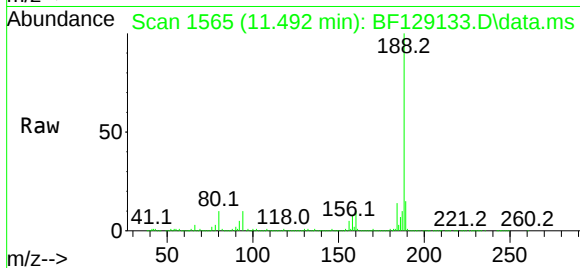
Tgt Ion:172 Resp: 2517332
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 25.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

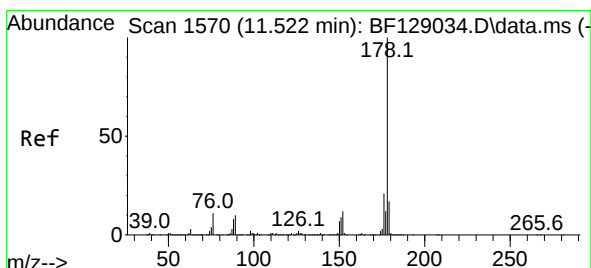
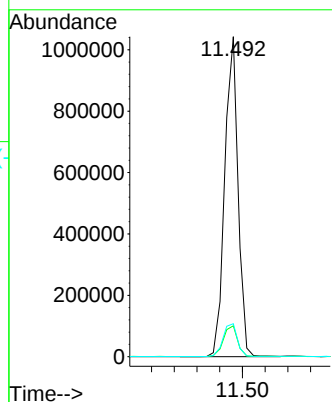
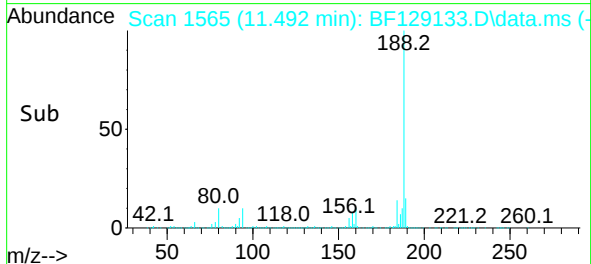
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



Tgt Ion:188 Resp: 849294
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.3 7.6 11.4

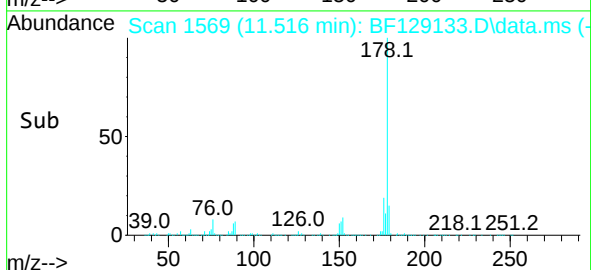
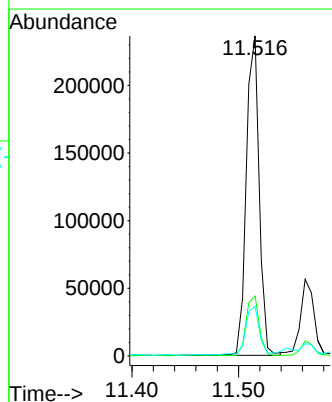
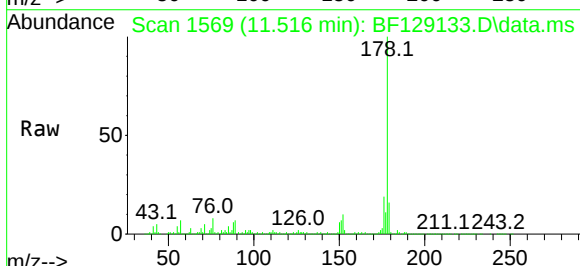
Manual Integrations
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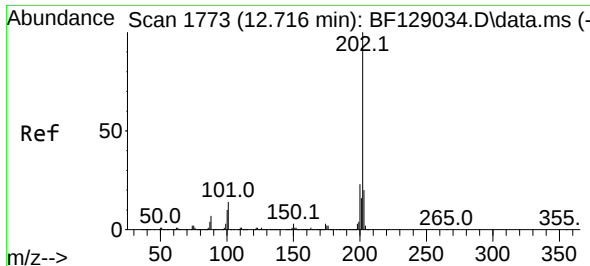
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#71
Phenanthrene
Concen: 4.895 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

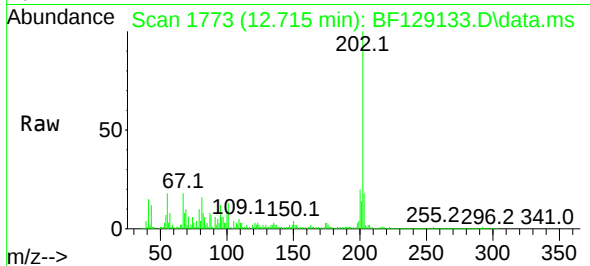
Tgt Ion:178 Resp: 198637
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.5 12.6 19.0





#75
Fluoranthene
Concen: 6.909 ng
RT: 12.715 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

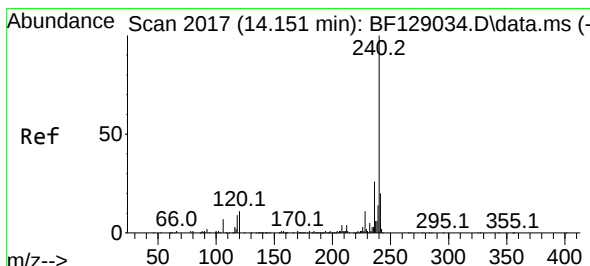
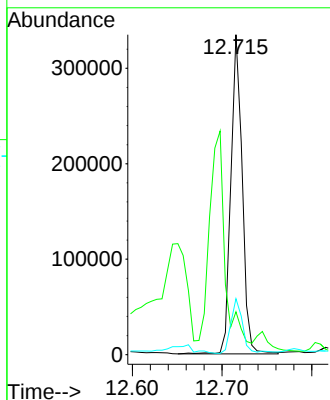
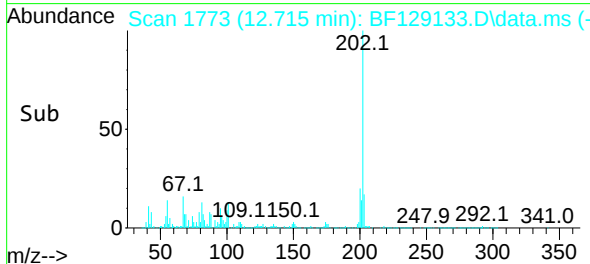
Instrument :
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TR-05-07012022



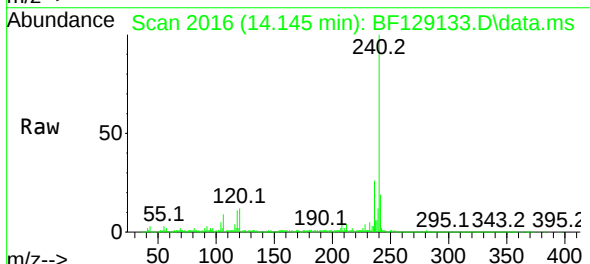
Tgt Ion:202 Resp: 293224
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 17.5 0.0 38.0

Manual Integrations
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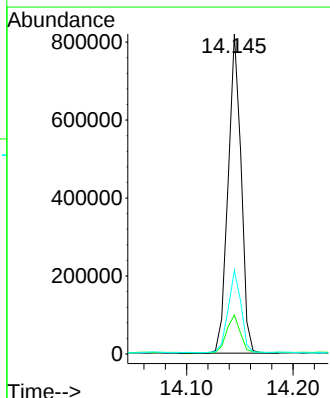
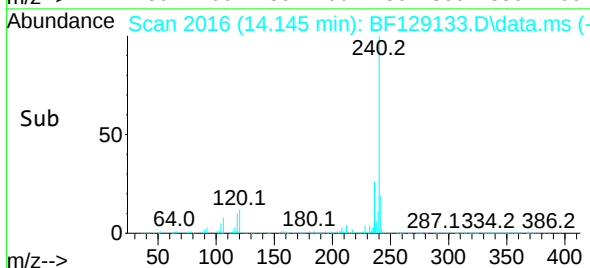
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

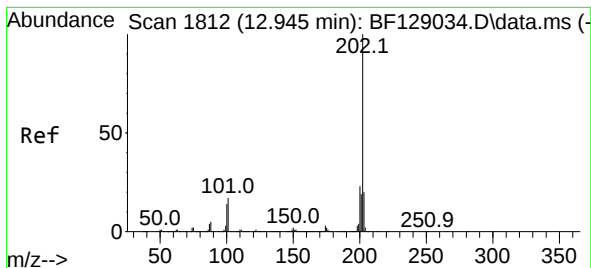


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07



Tgt Ion:240 Resp: 692831
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.1 20.8 31.2





#78

Pyrene

Concen: 5.628 ng

RT: 12.951 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF129133.D

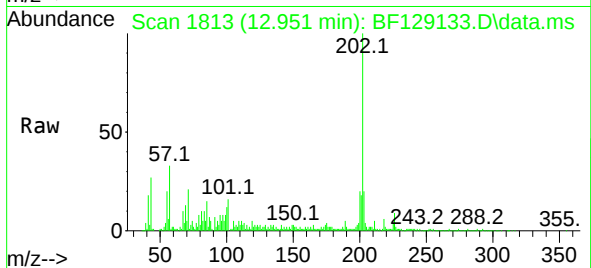
Acq: 05 Jul 2022 20:07

Instrument :

BNA_F

ClientSampleId :

TR-05-07012022



Tgt Ion: 202 Resp: 270258

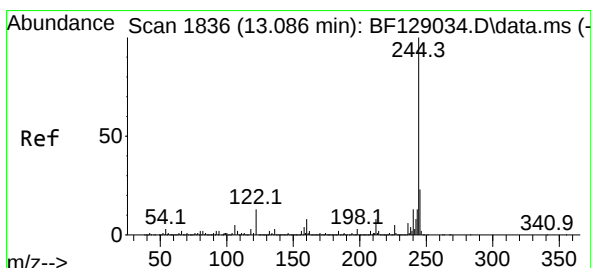
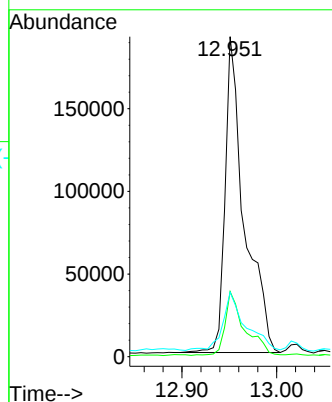
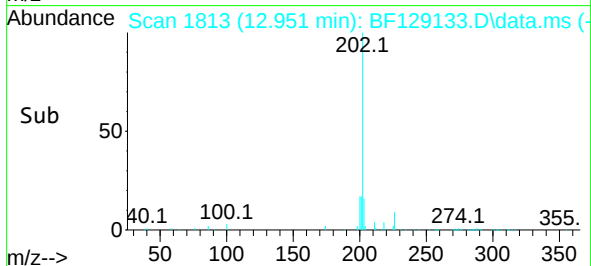
Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	20.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/06/2022

Supervised By : Jagrut Upadhyay 07/06/2022



#79

Terphenyl-d14

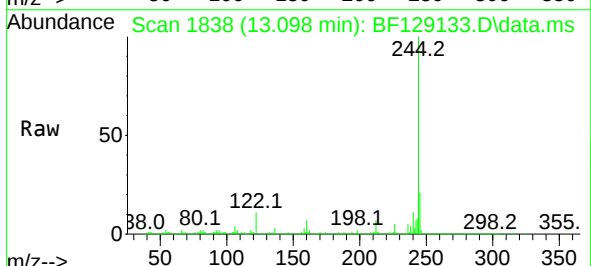
Concen: 73.844 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.011 min

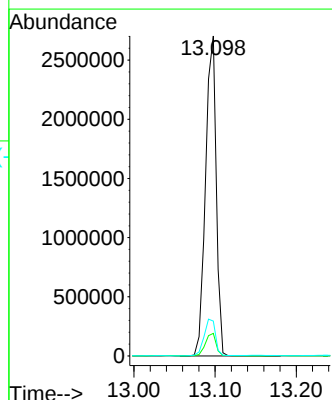
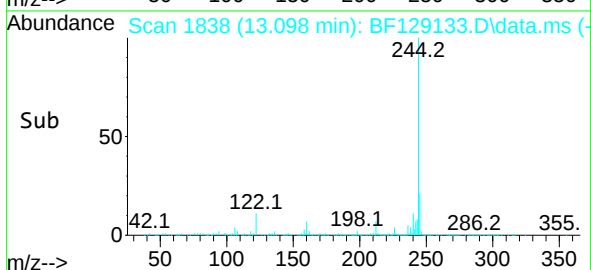
Lab File: BF129133.D

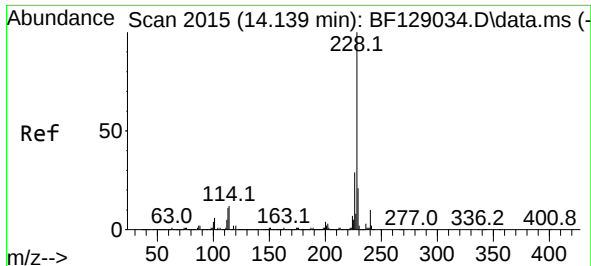
Acq: 05 Jul 2022 20:07



Tgt Ion: 244 Resp: 2463682

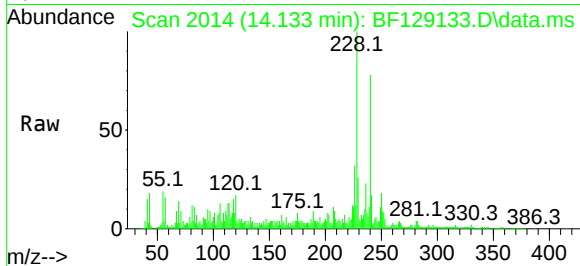
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.9	8.8	13.2





#81
Benzo(a)anthracene
Concen: 2.718 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

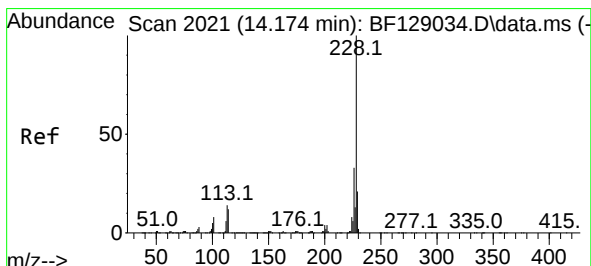
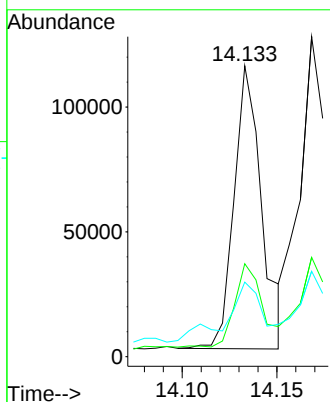
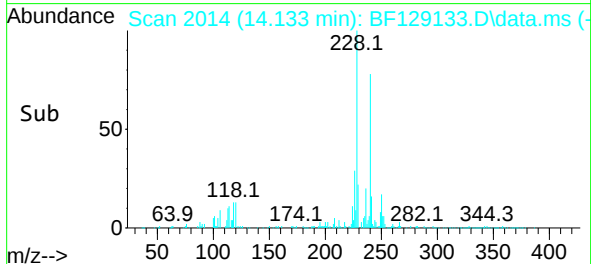
Instrument : BNA_F
ClientSampleId : TR-05-07012022



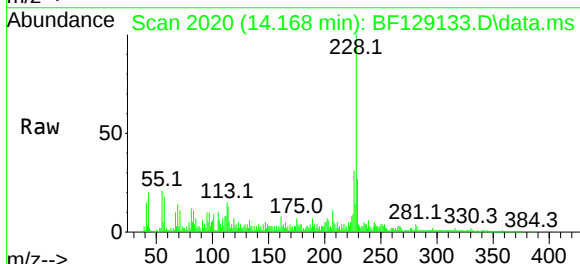
Tgt Ion:228 Resp: 114974
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 25.7 15.8 23.8

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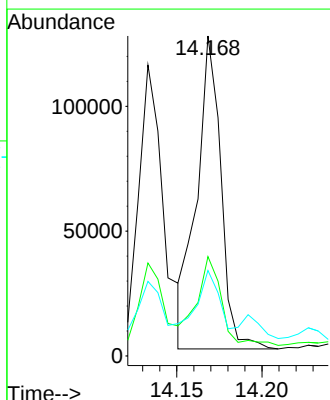
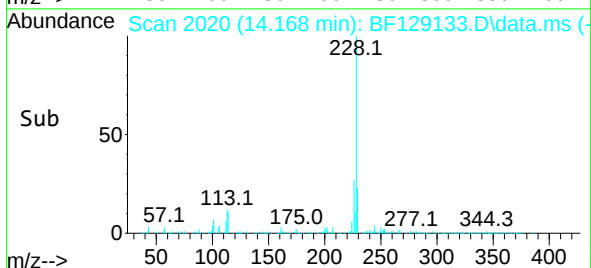
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

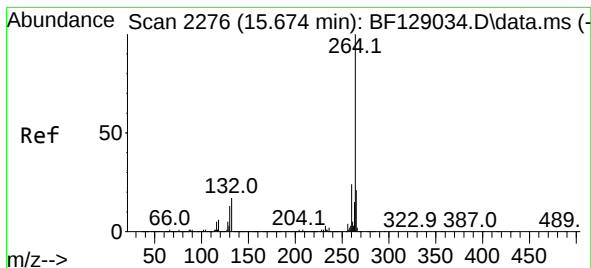


#83
Chrysene
Concen: 3.150 ng
RT: 14.168 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07



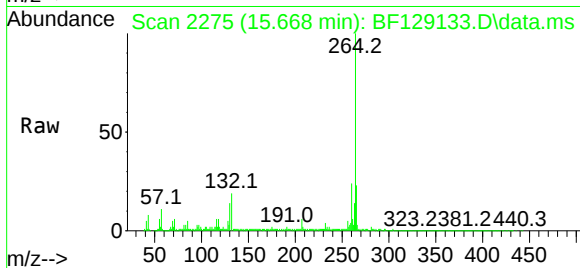
Tgt Ion:228 Resp: 123721
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 26.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

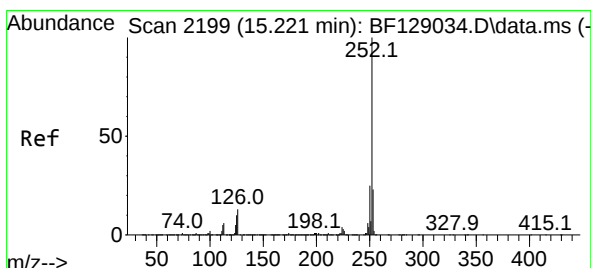
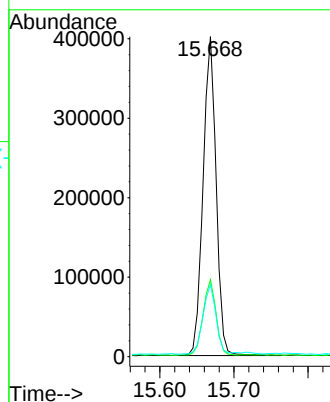
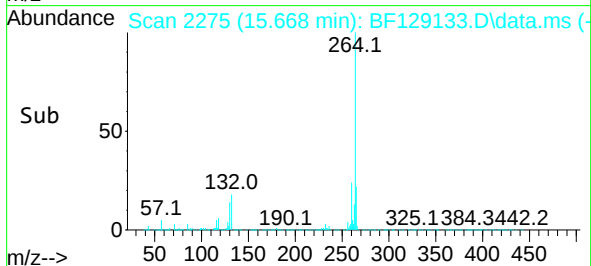
Instrument :
BNA_F
ClientSampleId :
TR-05-07012022



Tgt Ion:264 Resp: 491185
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 22.6 17.2 25.8

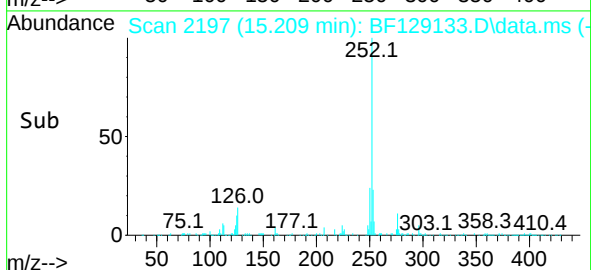
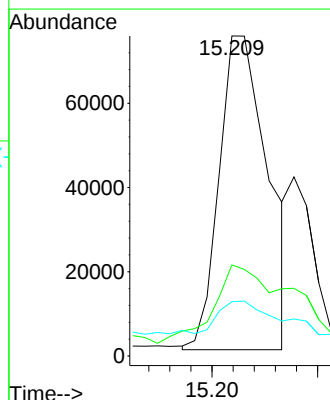
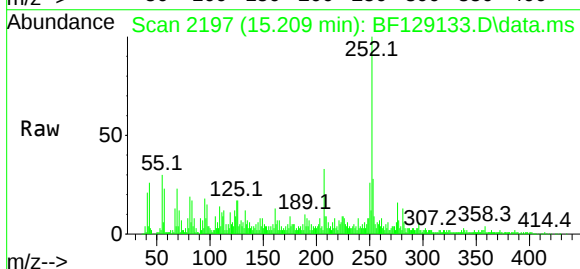
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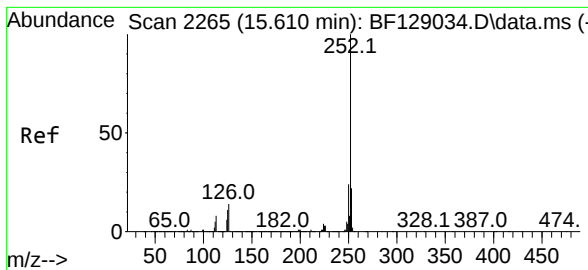
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#88
Benzo(b)fluoranthene
Concen: 4.040 ng m
RT: 15.209 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF129133.D
Acq: 05 Jul 2022 20:07

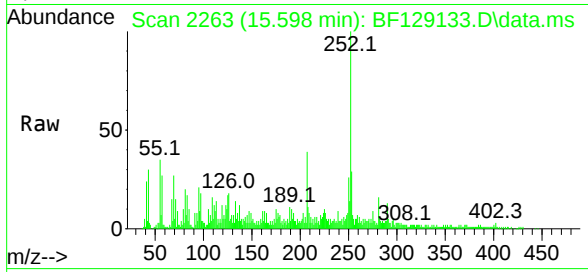
Tgt Ion:252 Resp: 119330
Ion Ratio Lower Upper
252 100
253 28.5 17.7 26.5#
125 17.0 8.0 12.0#





#90
 Benzo(a)pyrene
 Concen: 3.045 ng
 RT: 15.598 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129133.D
 Acq: 05 Jul 2022 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-07012022



Tgt Ion: 252 Resp: 73328
 Ion Ratio Lower Upper
 252 100
 253 28.7 17.0 25.6
 125 16.8 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/06/2022
 Supervised By : Jagrut Upadhyay 07/06/2022

