

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129142.D
 Acq On : 06 Jul 2022 14:46
 Operator : CG\JU
 Sample : N3562-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 15:39:29 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	242553	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	890195	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	427123	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	680281	20.000	ng	0.00
76) Chrysene-d12	14.139	240	495496	20.000	ng	-0.01
86) Perylene-d12	15.668	264	568765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1750319	122.000	ng	0.00
7) Phenol-d6	6.581	99	2150232	120.675	ng	0.00
23) Nitrobenzene-d5	7.516	82	1381742	92.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	585873	126.148	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2492309	93.349	ng	0.00
79) Terphenyl-d14	13.080	244	2254141	94.471	ng	0.00
Target Compounds						Qvalue
56) 4-Nitrophenol	10.098	139	11390	2.141	ng	99
57) 2,4-Dinitrotoluene	10.169	165	14373	2.132	ng	88
75) Fluoranthene	12.704	202	127431	3.749	ng	97
78) Pyrene	12.939	202	549194	15.990	ng	97
81) Benzo(a)anthracene	14.127	228	72481	2.396	ng	100
83) Chrysene	14.169	228	70128	2.497	ng	97
88) Benzo(b)fluoranthene	15.210	252	69816m	2.041	ng	
90) Benzo(a)pyrene	15.598	252	57187	2.051	ng	98

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

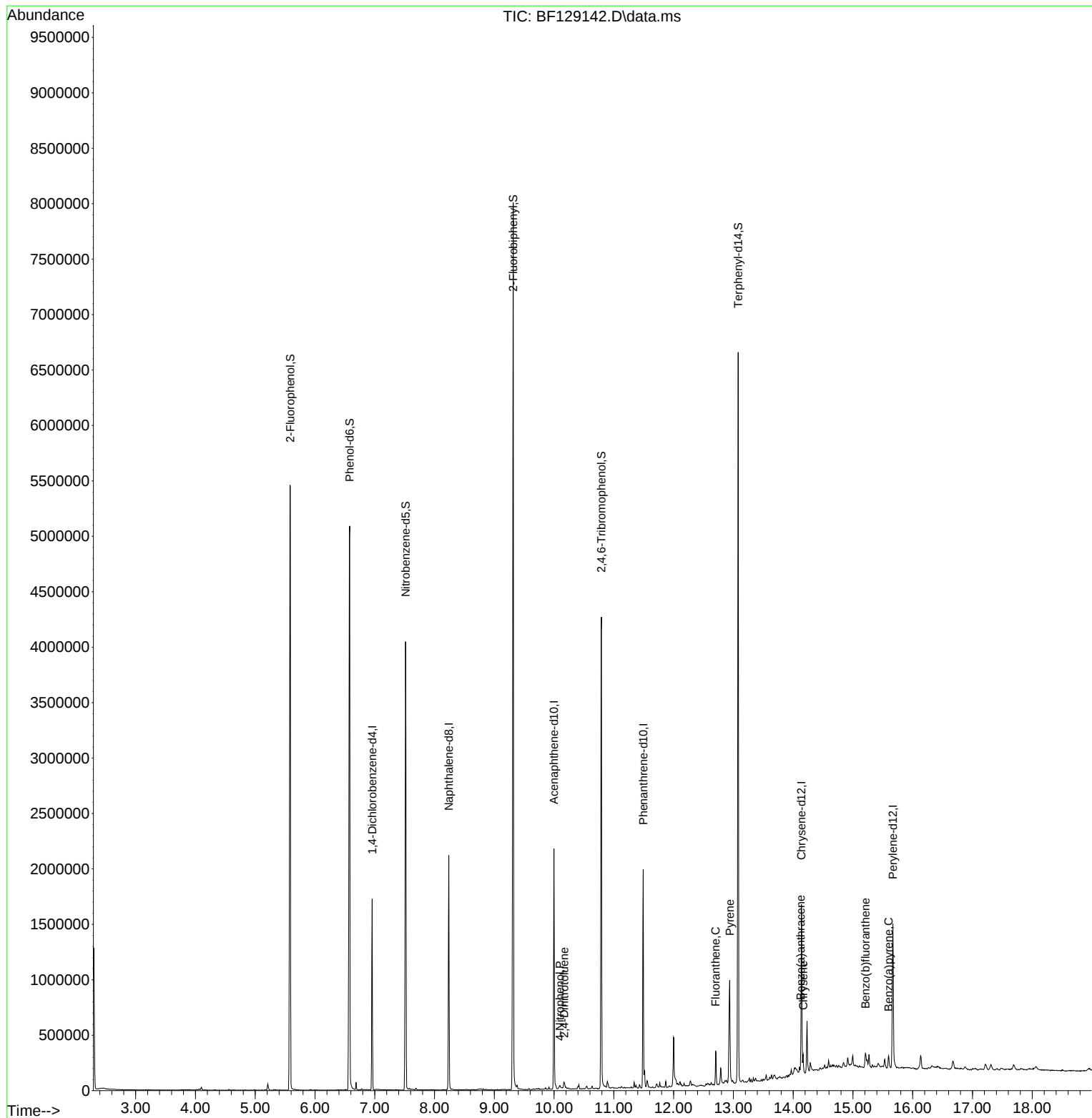
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129142.D
Acq On : 06 Jul 2022 14:46
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Misc :
ALS Vial : 7 Sample Multiplier: 1

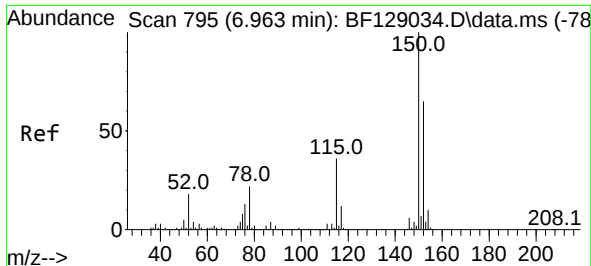
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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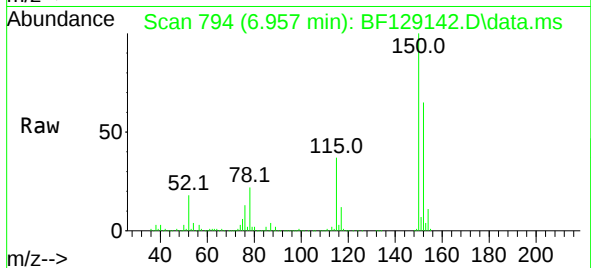
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

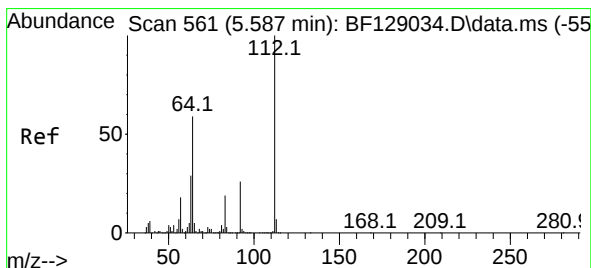
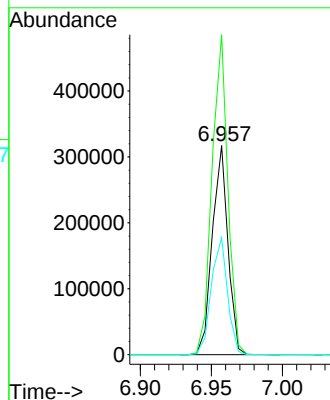
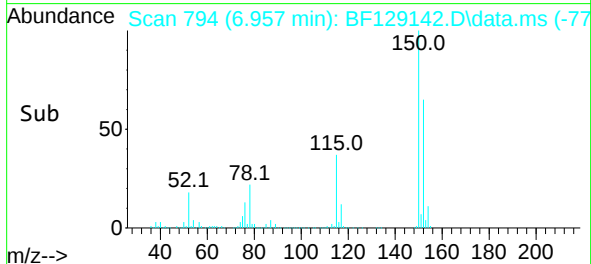
Instrument :
BNA_F
Client SampleId :
SB-16



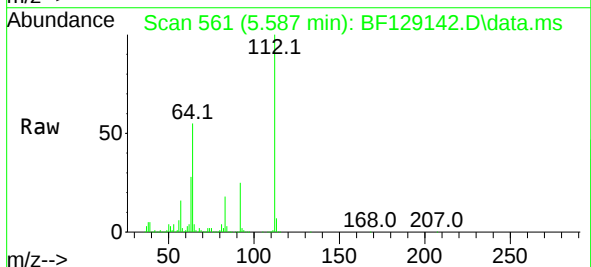
Tgt Ion:152 Resp: 24255
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 55.9 49.9 74.9

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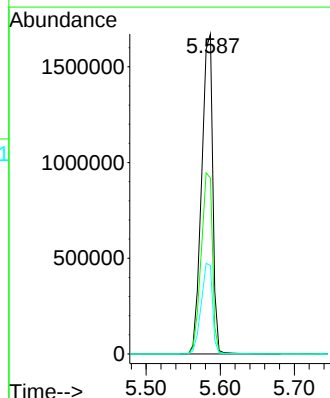
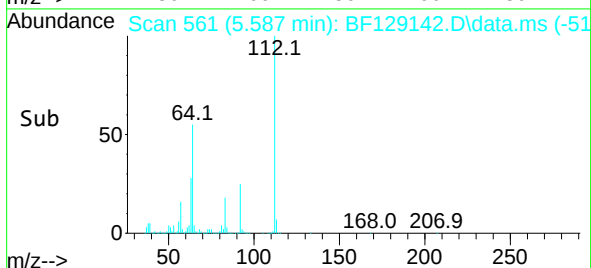
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

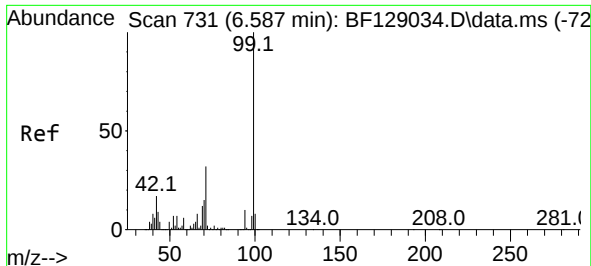


#5
2-Fluorophenol
Concen: 122.000 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



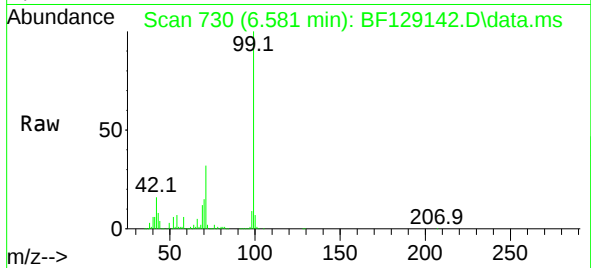
Tgt Ion:112 Resp: 1750319
Ion Ratio Lower Upper
112 100
64 55.0 53.3 79.9
63 27.7 28.0 42.0





#7
Phenol-d6
Concen: 120.675 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

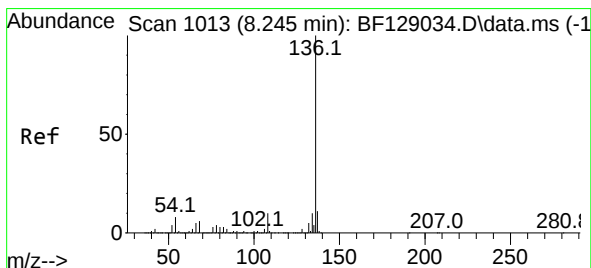
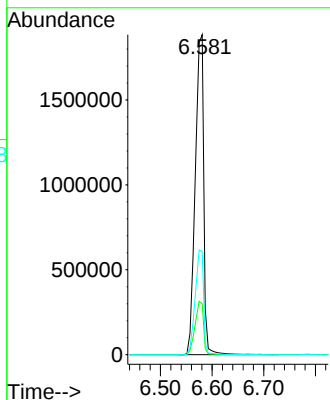
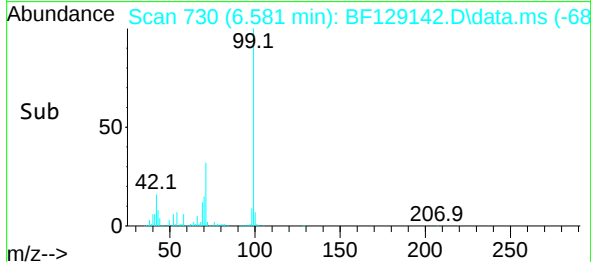
Instrument :
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ClientSampleId :
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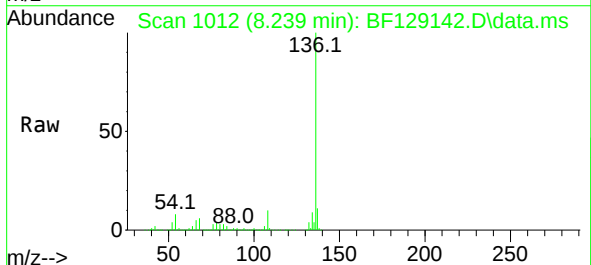
Tgt Ion: 99 Resp: 215023
Ion Ratio Lower Upper
99 100
42 15.9 17.3 25.9
71 32.3 28.9 43.3

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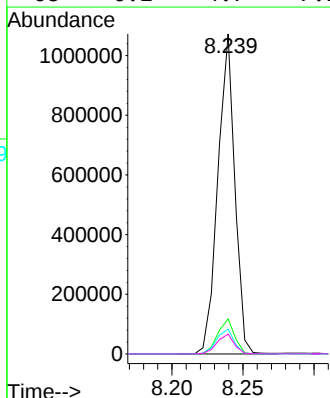
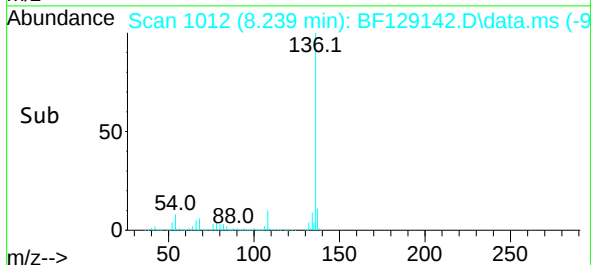
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

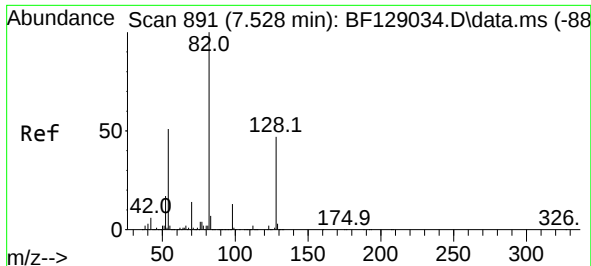


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



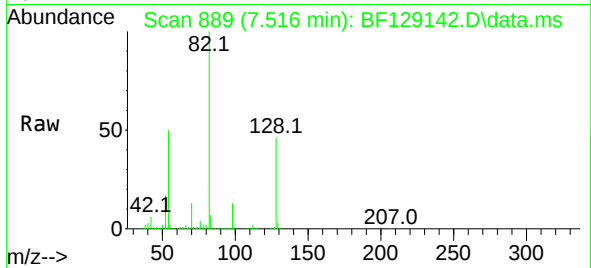
Tgt Ion:136 Resp: 890195
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 92.582 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

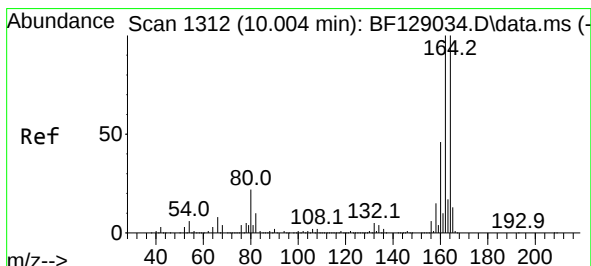
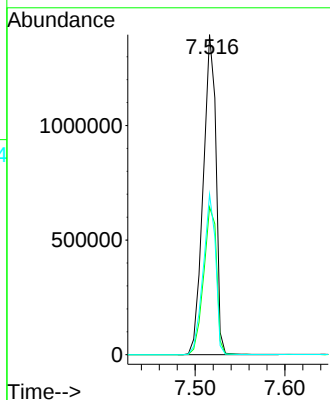
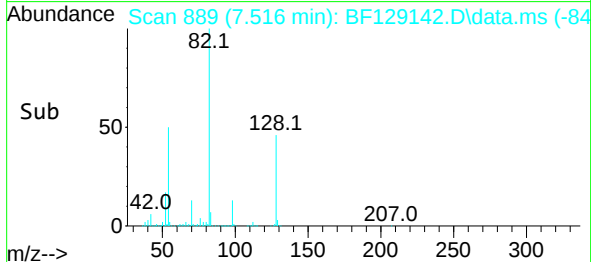
Instrument :
BNA_F
ClientSampleId :
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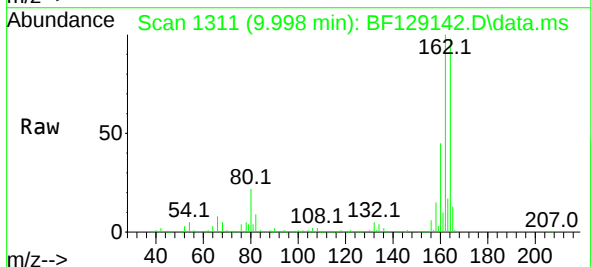
Tgt Ion: 82 Resp: 138174
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 50.1 46.9 70.3

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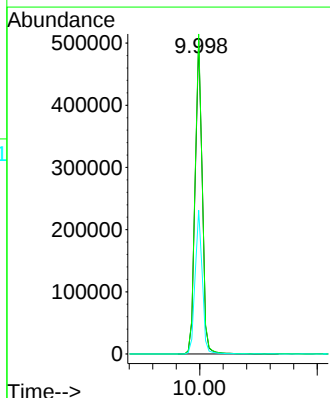
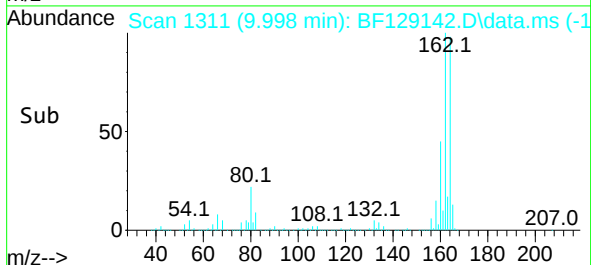
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

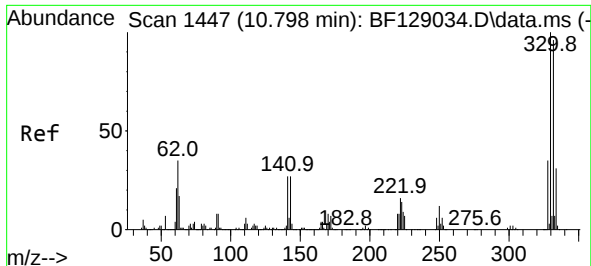


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



Tgt Ion:164 Resp: 427123
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 45.8 34.2 51.4





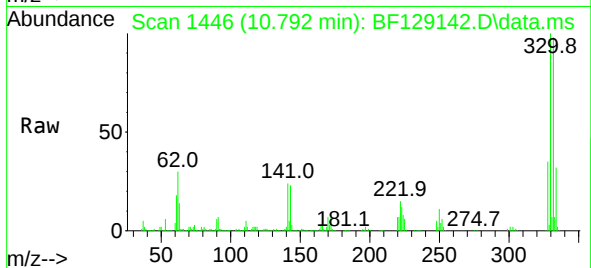
#42
2,4,6-Tribromophenol
Concen: 126.148 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

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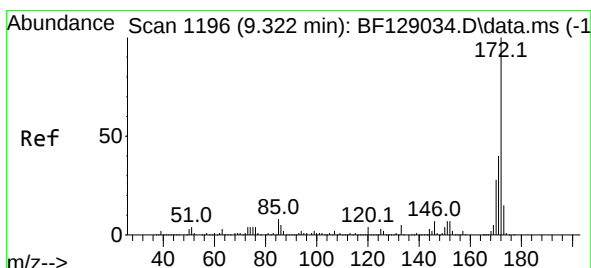
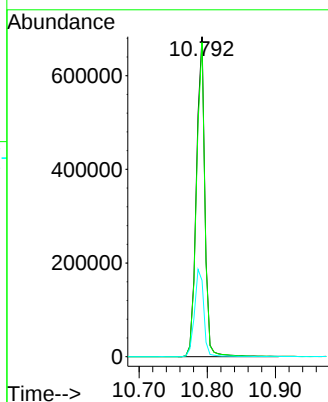
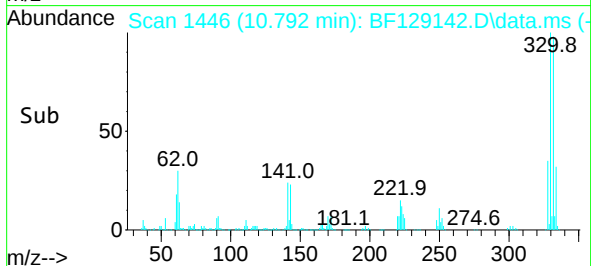


Tgt Ion:330 Resp: 58587
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 30.0 28.0 42.0

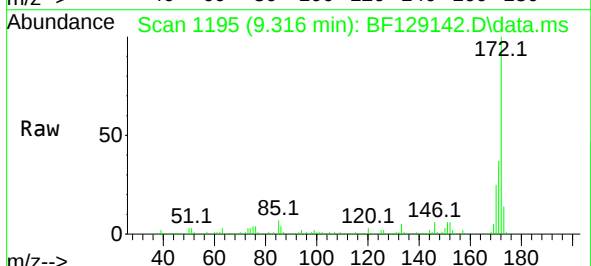
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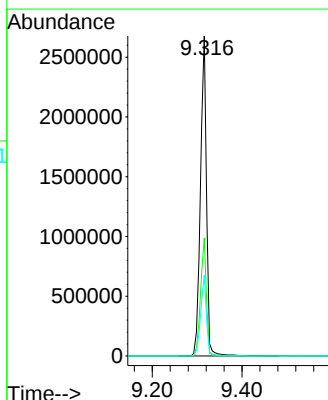
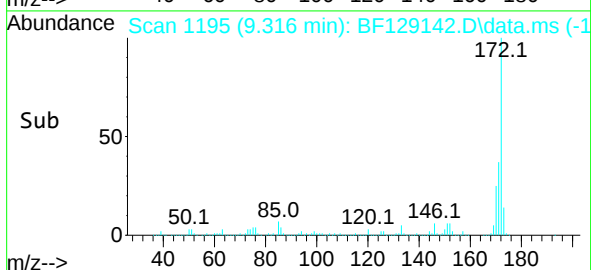
Reviewed By :Christian Giraldo 07/07/2022
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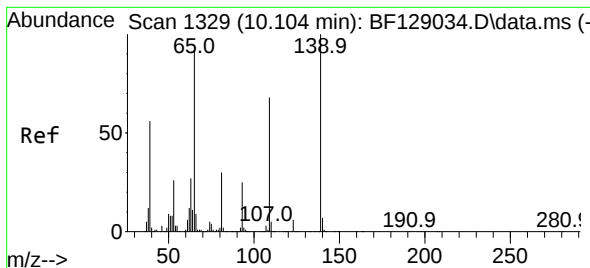


#45
2-Fluorobiphenyl
Concen: 93.349 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



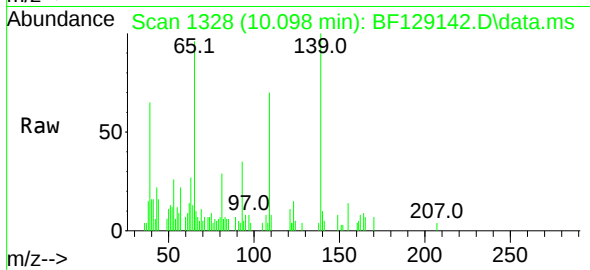
Tgt Ion:172 Resp: 2492309
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 25.3 19.8 29.8





#56
4-Nitrophenol
Concen: 2.141 ng
RT: 10.098 min Scan# 11390
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

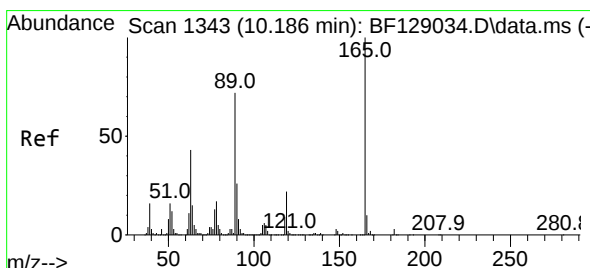
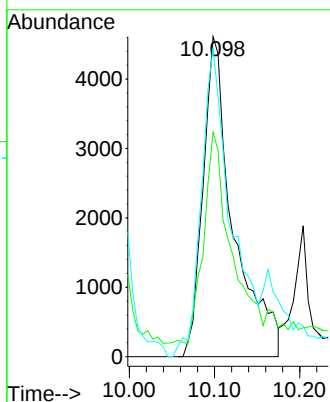
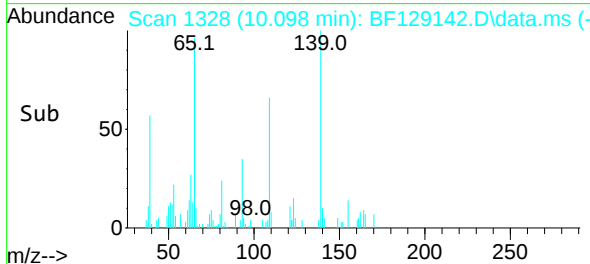
Instrument :
BNA_F
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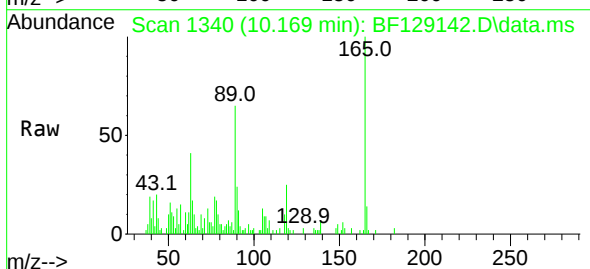
Tgt Ion:139 Resp: 11390
Ion Ratio Lower Upper
139 100
109 70.1 50.7 90.7
65 96.2 74.5 114.5

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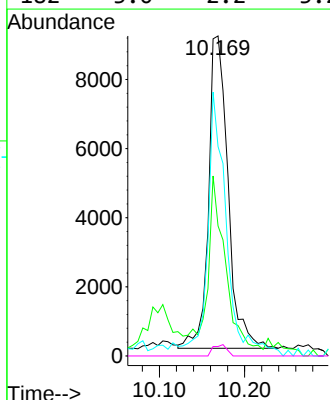
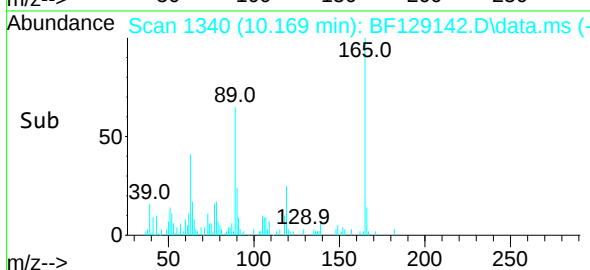
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

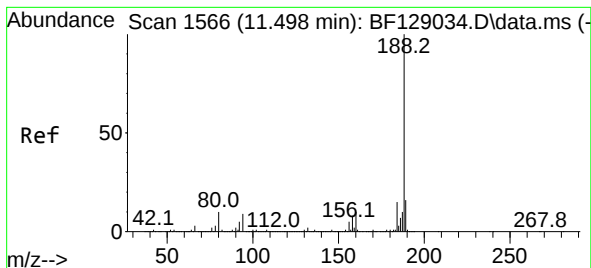


#57
2,4-Dinitrotoluene
Concen: 2.132 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.018 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



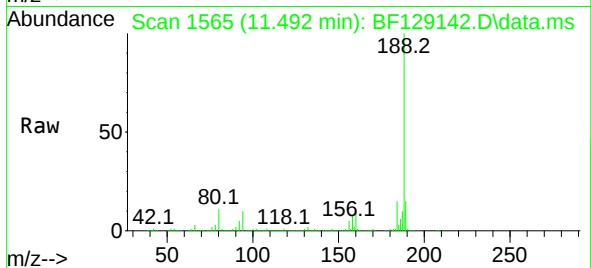
Tgt Ion:165 Resp: 14373
Ion Ratio Lower Upper
165 100
63 40.6 39.8 59.6
89 65.5 60.2 90.2
182 3.0 2.2 3.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

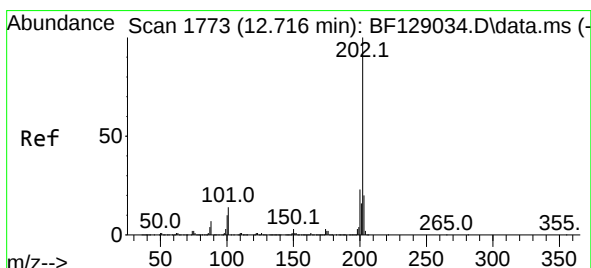
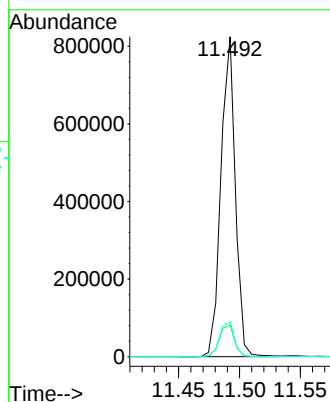
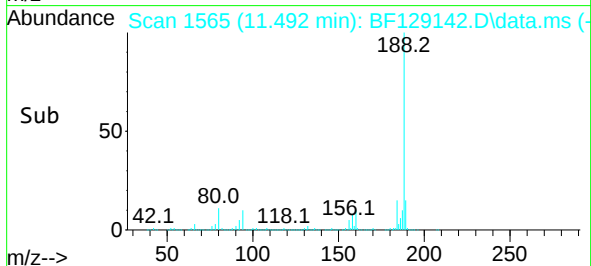
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Tgt Ion:188 Resp: 68028
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.8 7.6 11.4

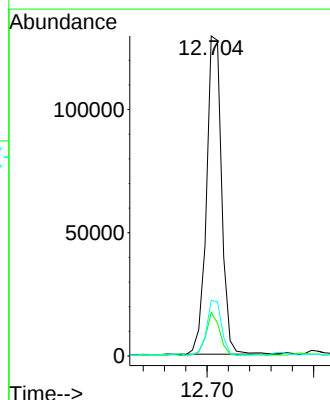
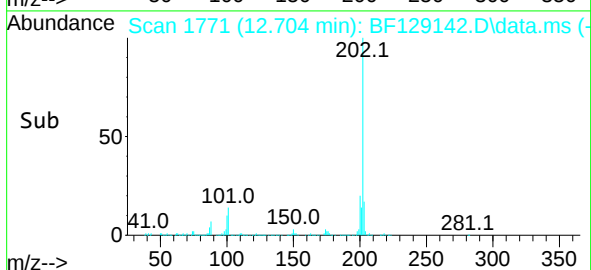
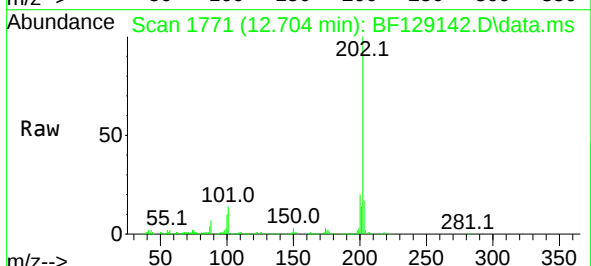
Manual Integrations
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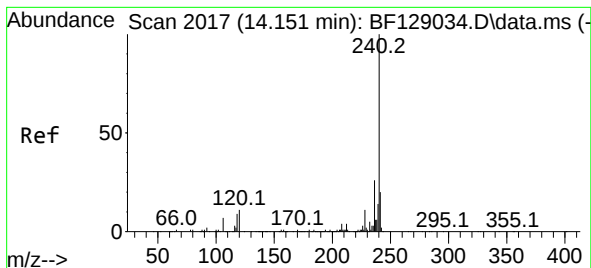
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#75
Fluoranthene
Concen: 3.749 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:202 Resp: 127431
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.4
203 17.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SB-16

Tgt Ion:240 Resp: 495490

Ion Ratio Lower Upper

240 100

120 13.1 8.9 13.3

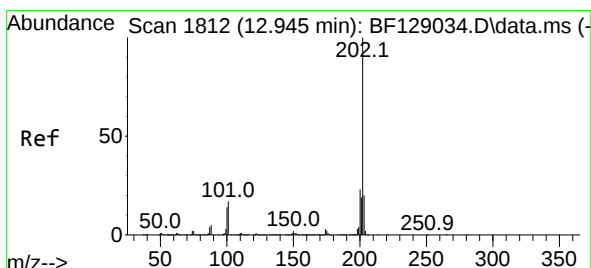
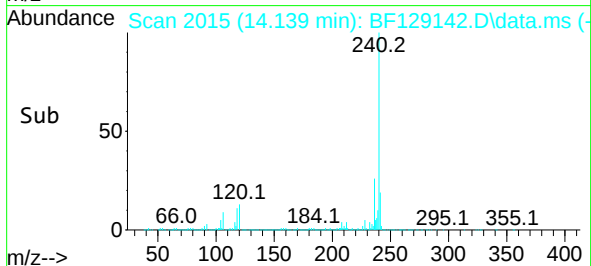
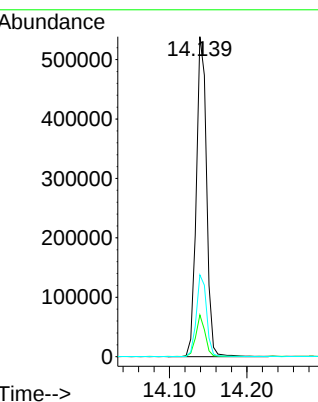
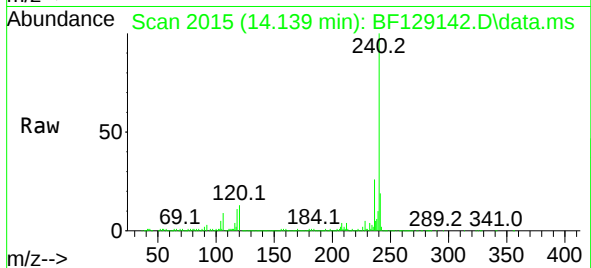
236 25.6 20.8 31.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#78

Pyrene

Concen: 15.990 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

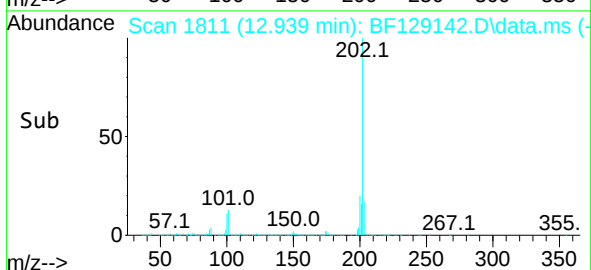
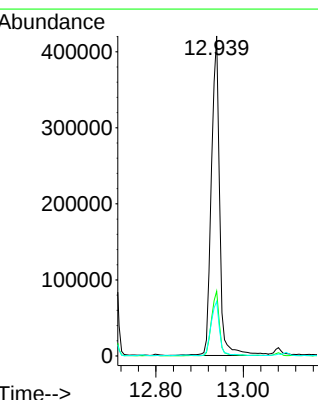
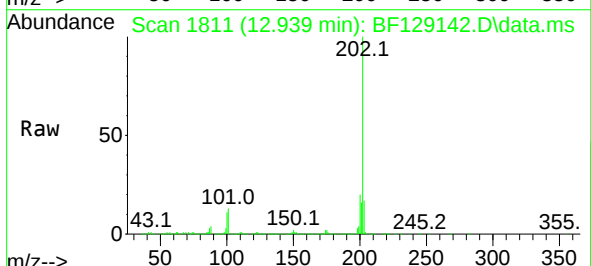
Tgt Ion:202 Resp: 549194

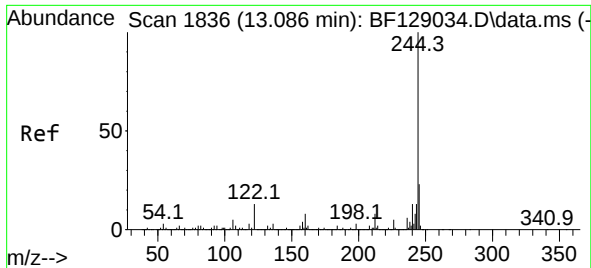
Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

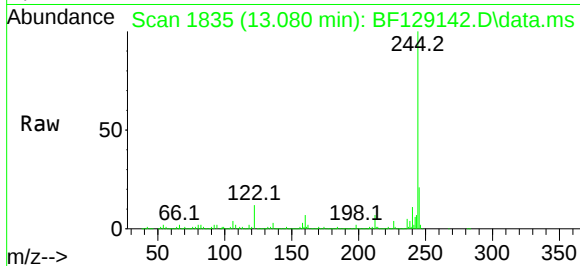
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 94.471 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129142.D
 Acq: 06 Jul 2022 14:46

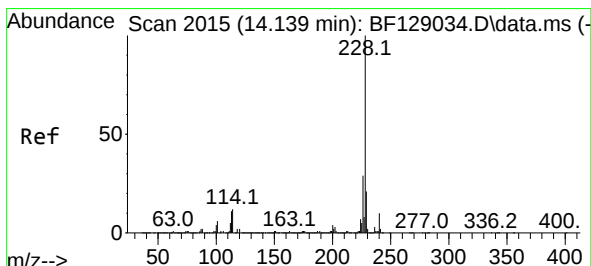
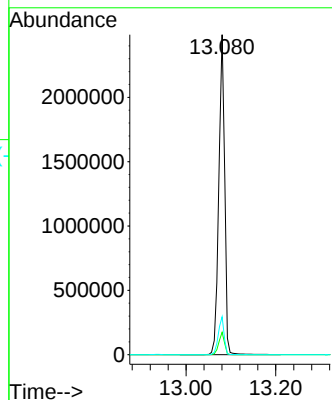
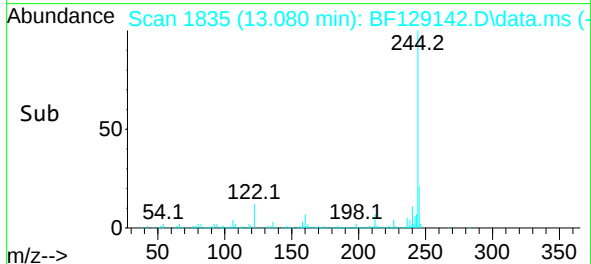
Instrument :
 BNA_F
 ClientSampleId :
 SB-16



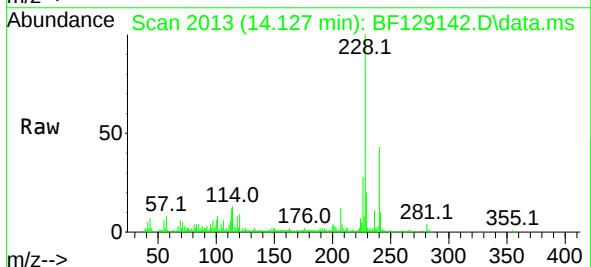
Tgt Ion:244 Resp: 225414
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.8 8.8 13.2

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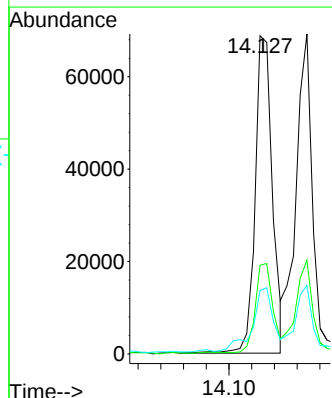
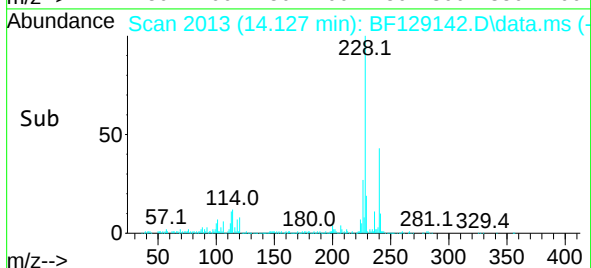
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

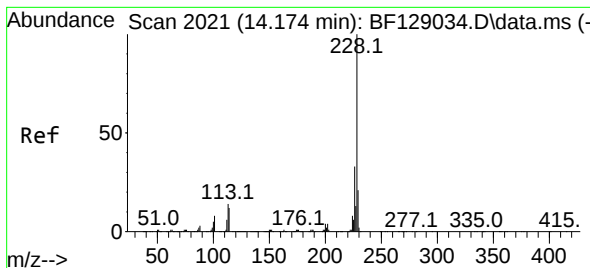


#81
 Benzo(a)anthracene
 Concen: 2.396 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129142.D
 Acq: 06 Jul 2022 14:46



Tgt Ion:228 Resp: 72481
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.1 33.1
 229 19.9 15.8 23.8





#83

Chrysene

Concen: 2.497 ng

RT: 14.169 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SB-16

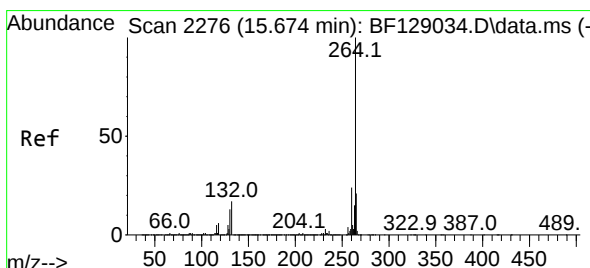
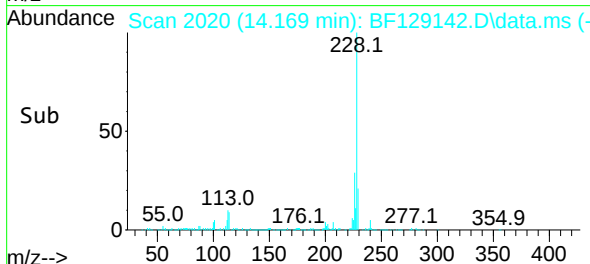
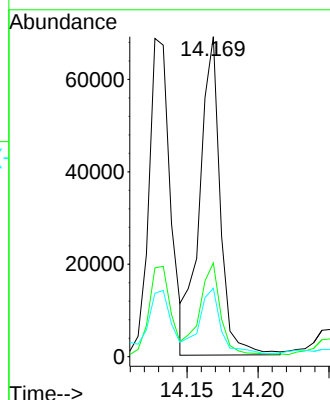
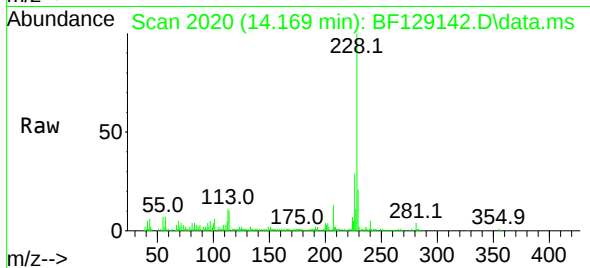
Tgt Ion:228 Resp: 70128
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.3 36.5
 229 21.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#86

Perylene-d12

Concen: 20.000 ng

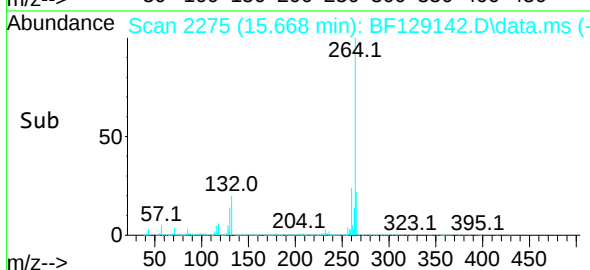
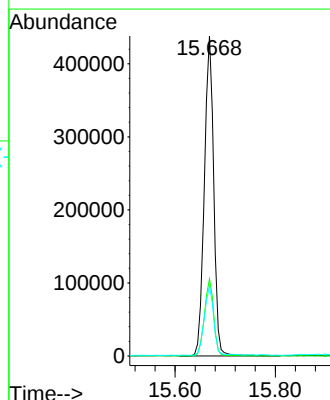
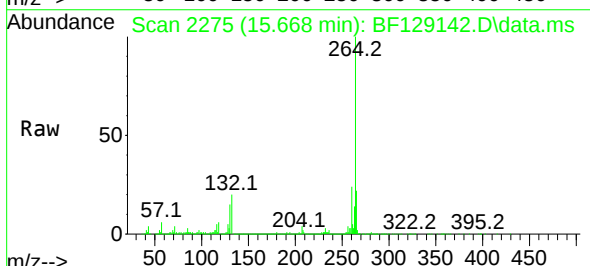
RT: 15.668 min Scan# 2275

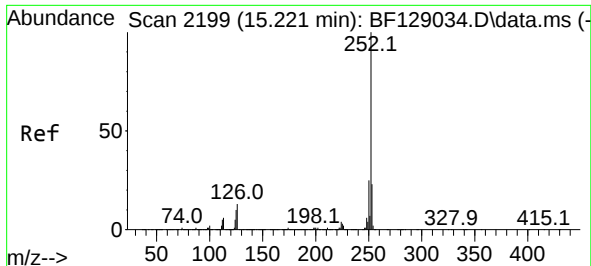
Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

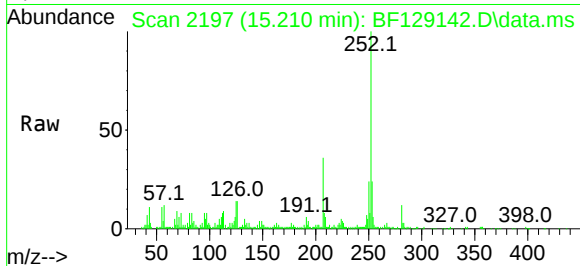
Tgt Ion:264 Resp: 568765
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.9 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.041 ng m
RT: 15.210 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

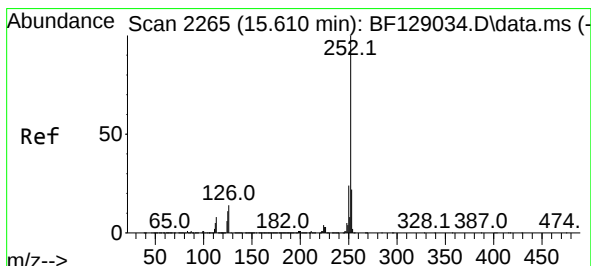
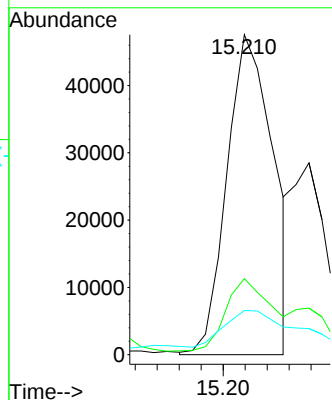
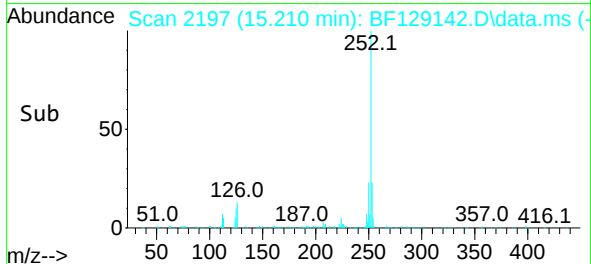
Instrument :
BNA_F
ClientSampleId :
SB-16



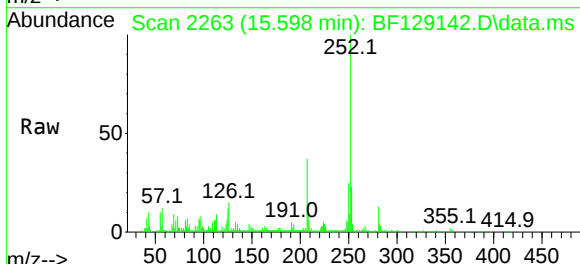
Tgt Ion:252 Resp: 69810
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 13.8 8.0 12.0

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.051 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46



Tgt Ion:252 Resp: 57187
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.6 8.8 13.2

