

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129671.D
 Acq On : 09 Aug 2022 17:43
 Operator : CG\JU
 Sample : N3962-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-187

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 05:32:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	197680	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	791944	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	412282	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	645043	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	380082	20.000	ng	-0.01
86) Perylene-d12	15.492	264	340865	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1137767	93.759	ng	0.00
7) Phenol-d6	6.492	99	1438933	94.337	ng	-0.01
23) Nitrobenzene-d5	7.404	82	944419	65.099	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	381784	96.318	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1689596	63.396	ng	-0.01
79) Terphenyl-d14	12.957	244	1495289	74.220	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	136676	3.831	ng	98
78) Pyrene	12.816	202	143047	4.501	ng	97
81) Benzo(a)anthracene	14.004	228	70305	2.708	ng	98
83) Chrysene	14.039	228	73721	3.013	ng	96
88) Benzo(b)fluoranthene	15.057	252	101396m	4.484	ng	
90) Benzo(a)pyrene	15.427	252	70592	3.846	ng	96

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

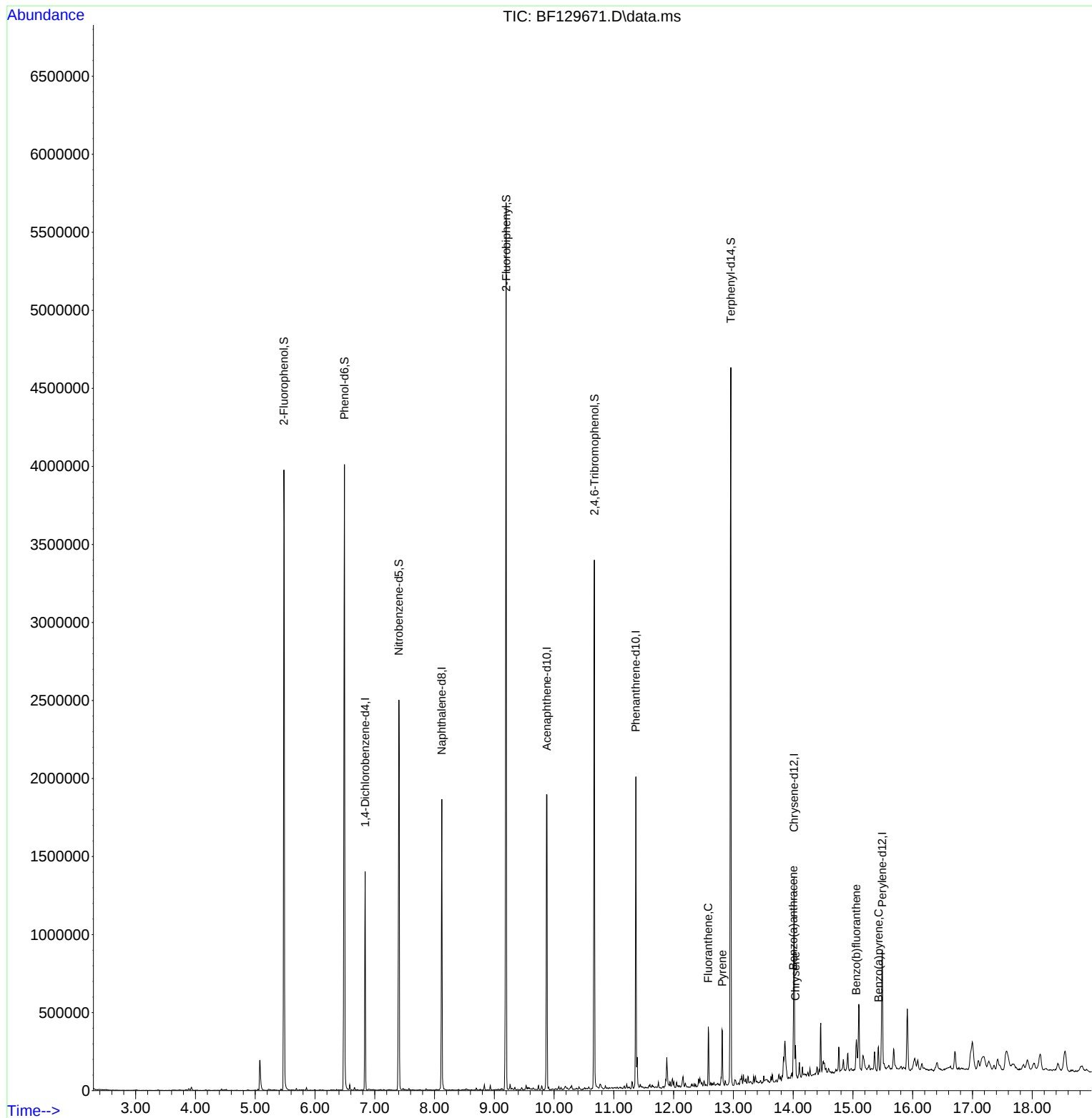
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
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ALS Vial : 5 Sample Multiplier: 1

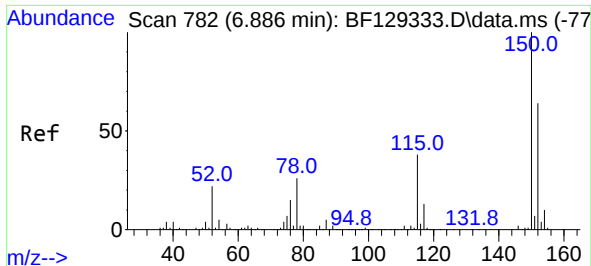
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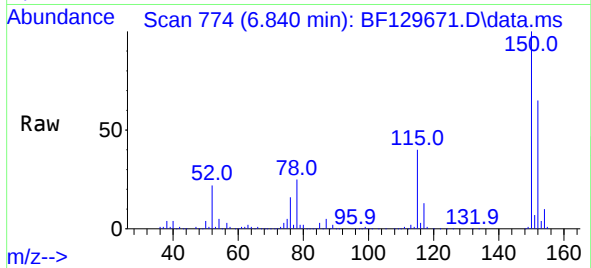
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

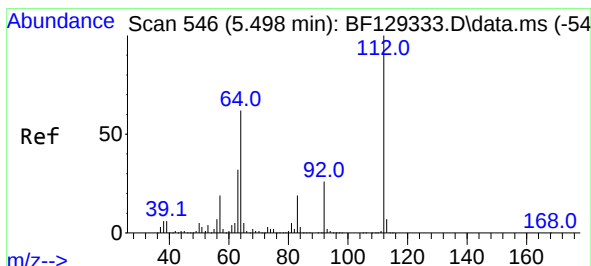
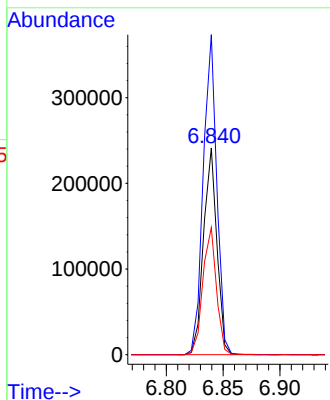
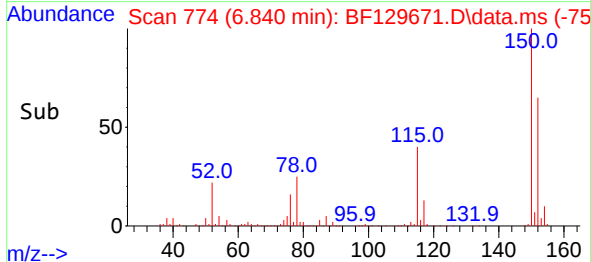
Instrument :
BNA_F
ClientSampleId :
RVE-187



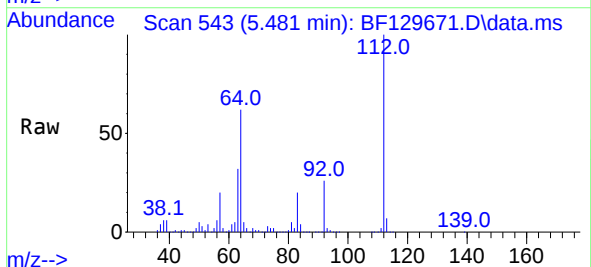
Tgt Ion:152 Resp: 197680
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 61.4 49.9 74.9

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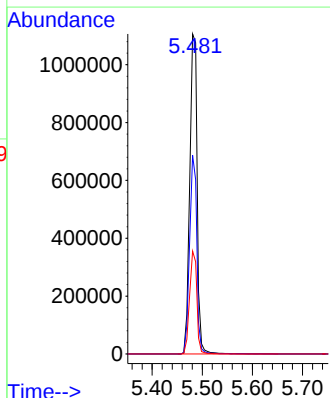
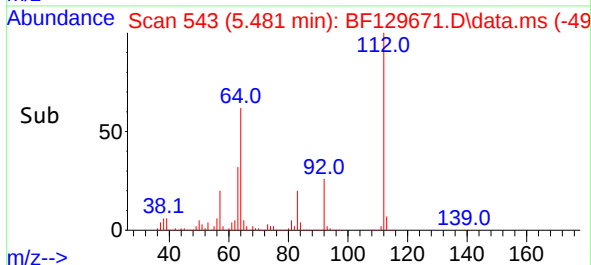
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

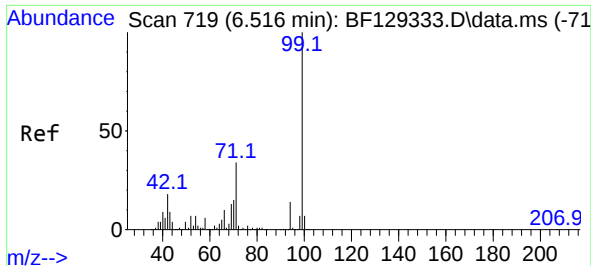


#5
2-Fluorophenol
Concen: 93.759 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



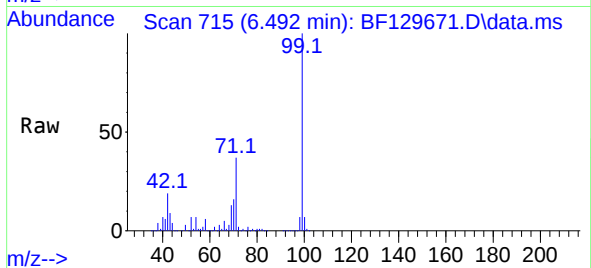
Tgt Ion:112 Resp: 1137767
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.2 28.0 42.0





#7
Phenol-d6
Concen: 94.337 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

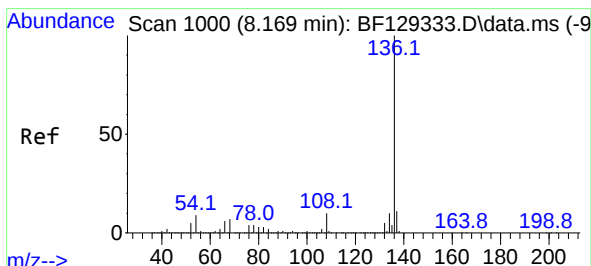
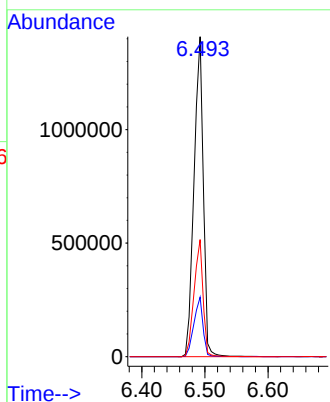
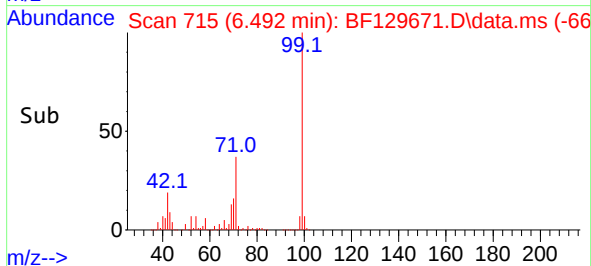
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ClientSampleId :
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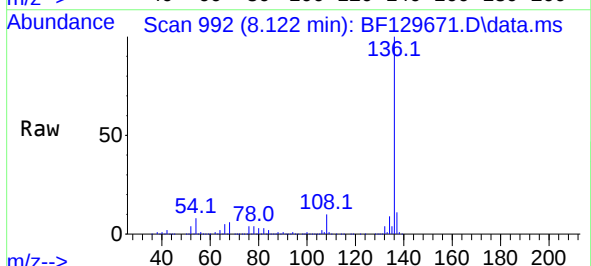
Tgt Ion: 99 Resp: 143893
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.6 28.9 43.3

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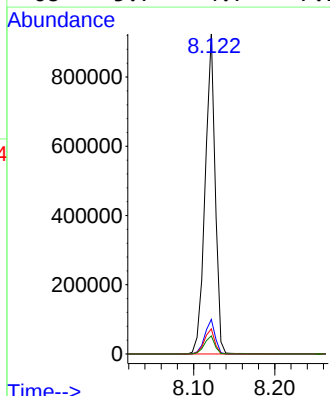
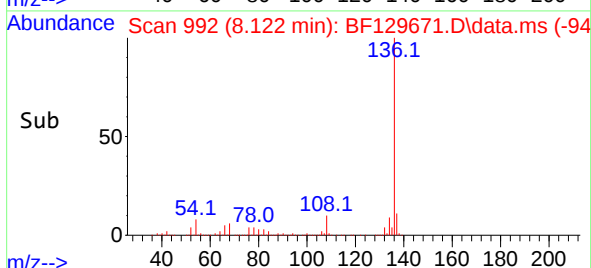
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

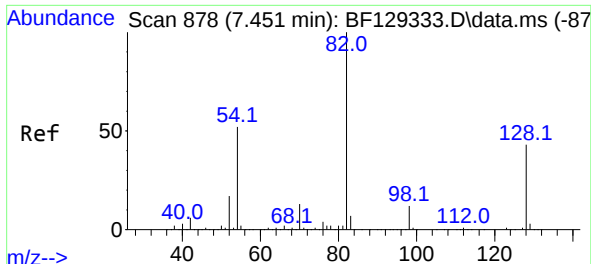


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



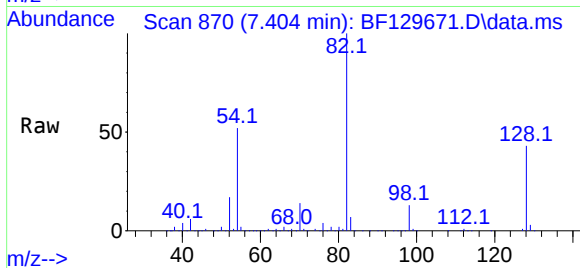
Tgt Ion:136 Resp: 791944
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 65.099 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

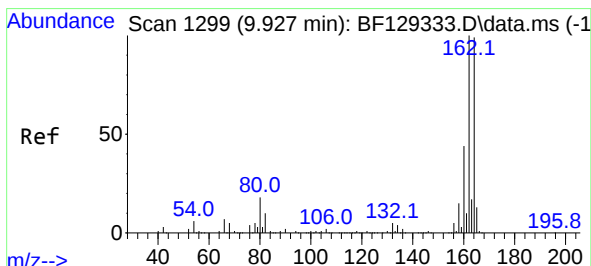
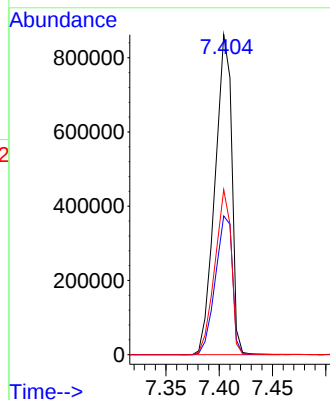
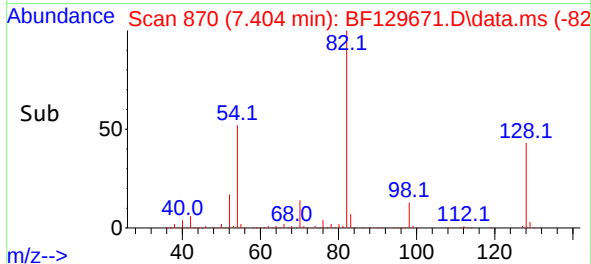
Instrument :
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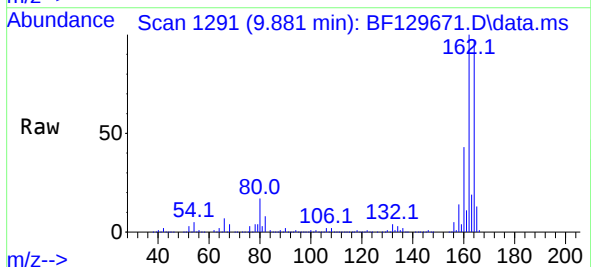
Tgt Ion: 82 Resp: 944419
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 51.5 46.9 70.3

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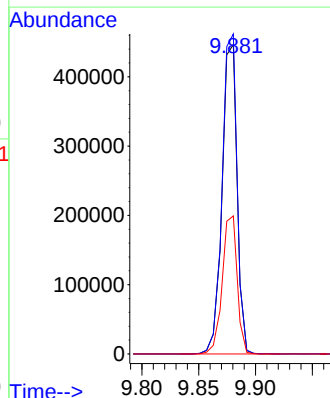
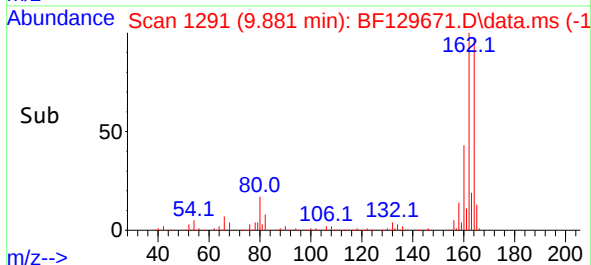
Reviewed By :Christian Giraldo 08/10/2022
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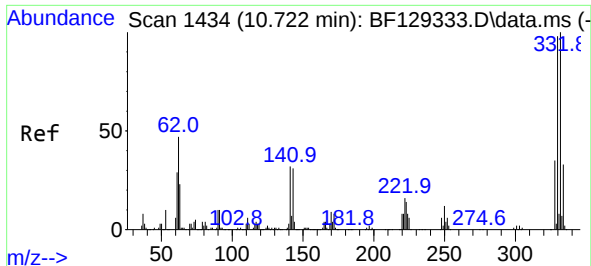


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



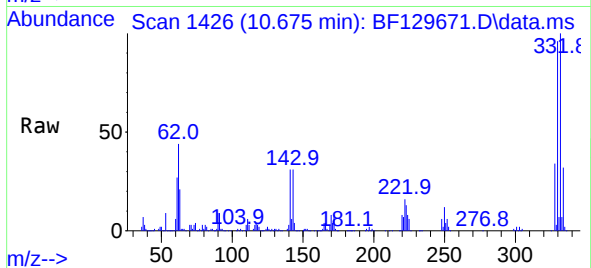
Tgt Ion:164 Resp: 412282
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 44.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 96.318 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

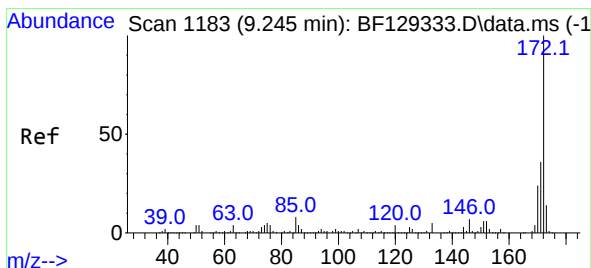
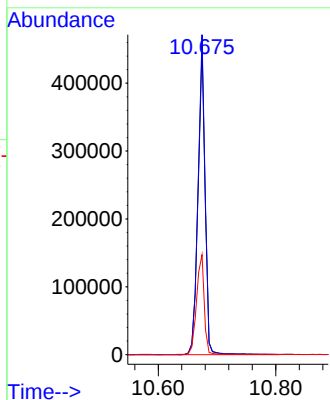
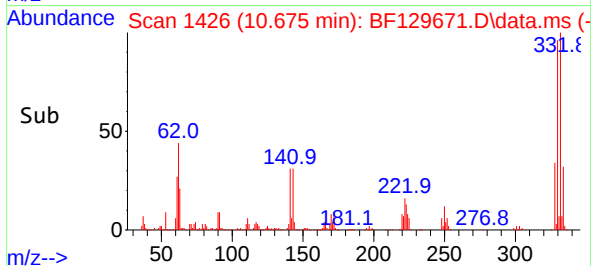
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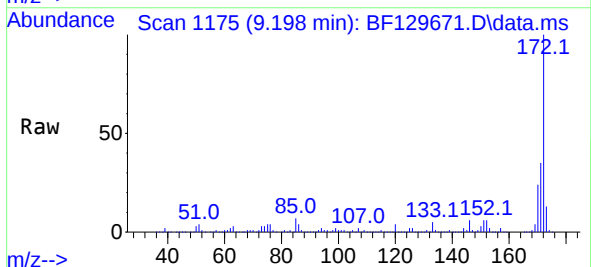
Tgt Ion:330 Resp: 381784
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 35.4 28.0 42.0

Manual Integrations
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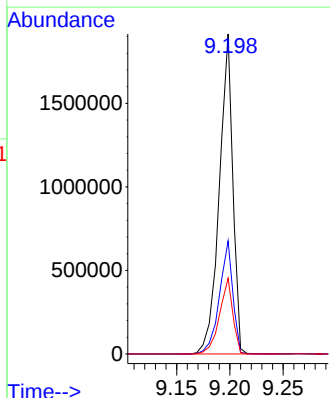
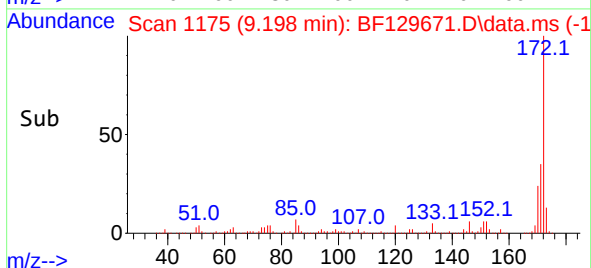
Reviewed By :Christian Giraldo 08/10/2022
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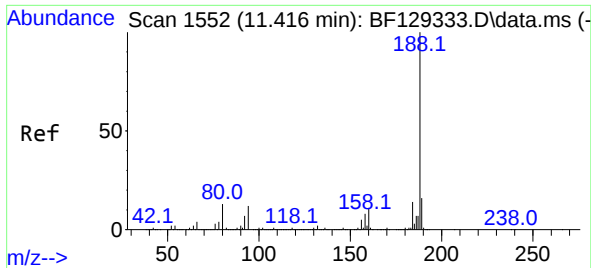


#45
2-Fluorobiphenyl
Concen: 63.396 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



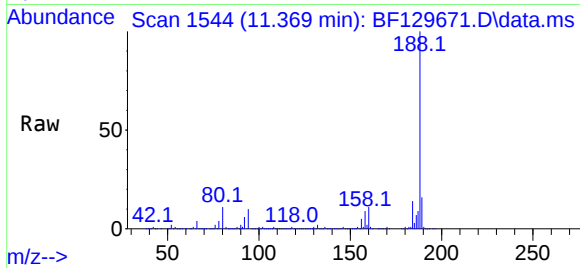
Tgt Ion:172 Resp: 1689596
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

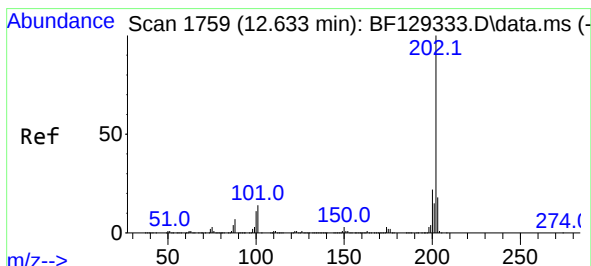
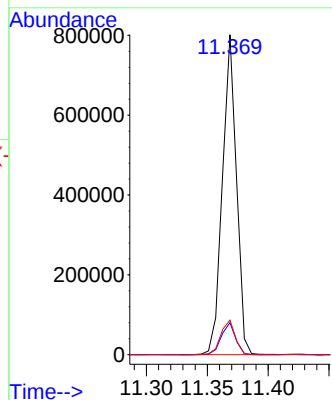
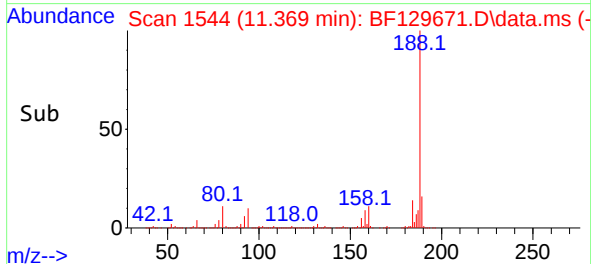
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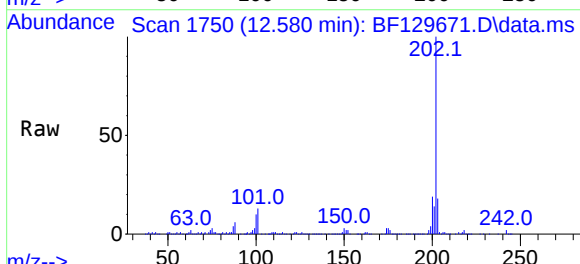
Tgt Ion:188 Resp: 64504
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.8 7.6 11.4

Manual Integrations
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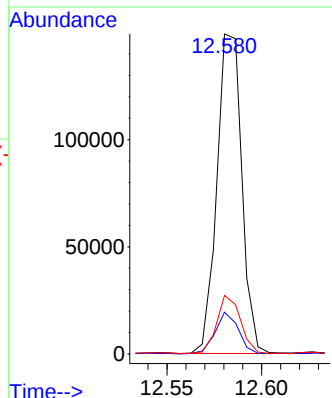
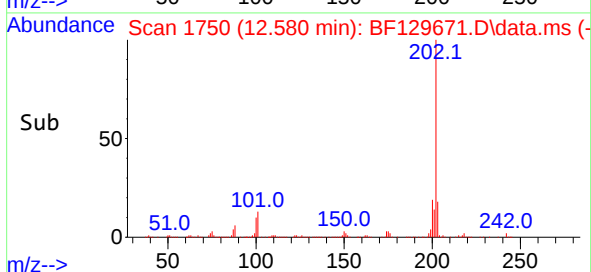
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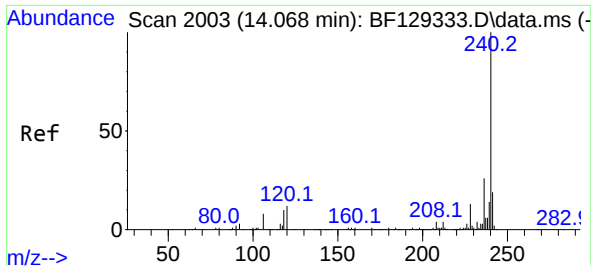


#75
Fluoranthene
Concen: 3.831 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



Tgt Ion:202 Resp: 136676
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 18.3 0.0 38.0





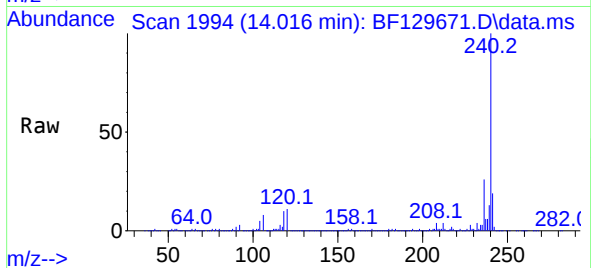
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

Instrument :

BNA_F

ClientSampleId :

RVE-187

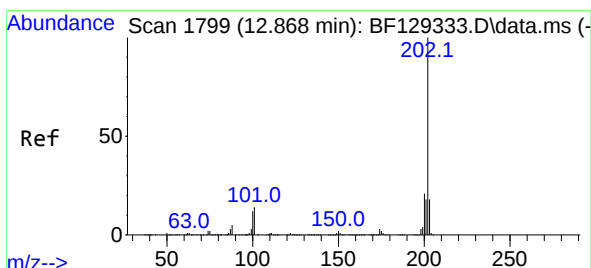
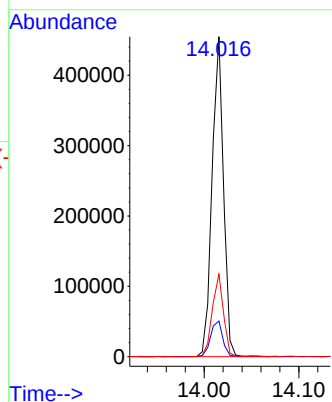
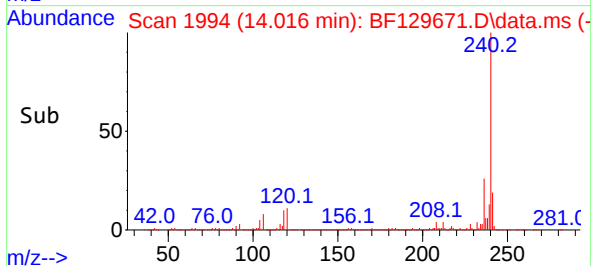


Tgt Ion:240 Resp: 380082
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.7 20.8 31.2

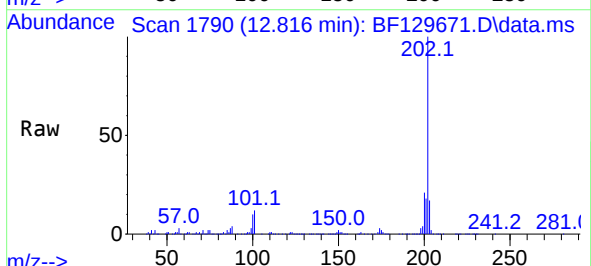
Manual Integrations

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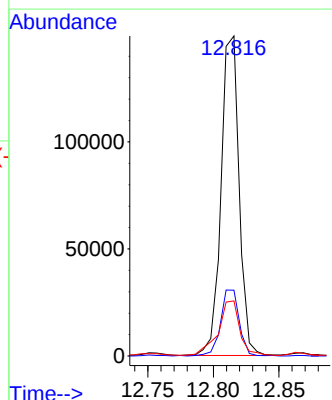
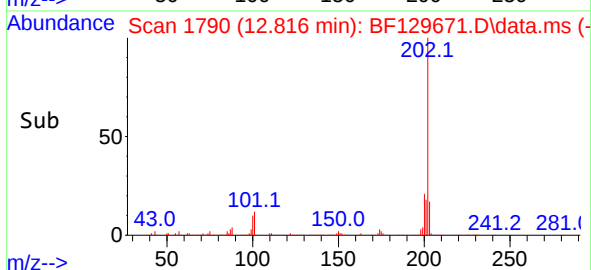
Reviewed By :Christian Giraldo 08/10/2022
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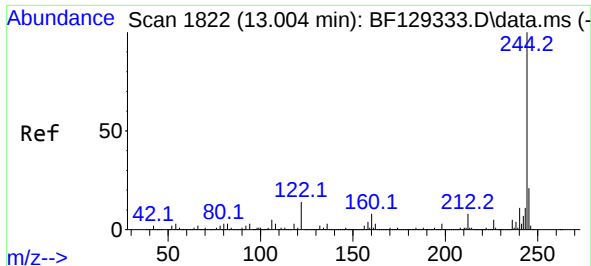


#78
Pyrene
Concen: 4.501 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43



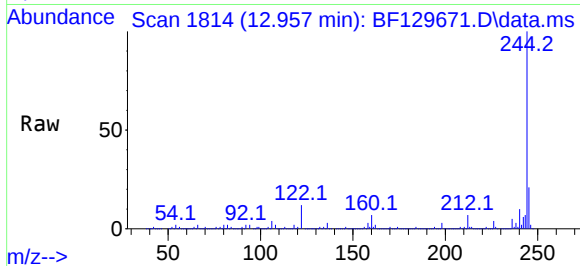
Tgt Ion:202 Resp: 143047
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 74.220 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129671.D
 Acq: 09 Aug 2022 17:43

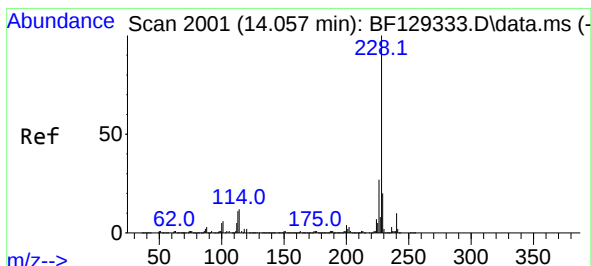
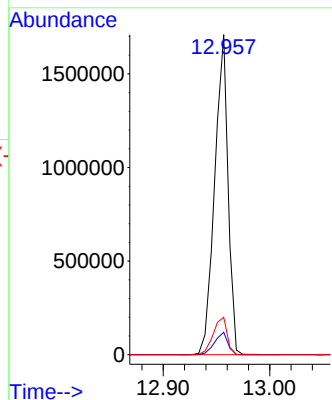
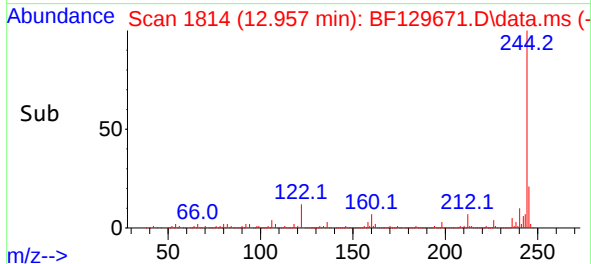
Instrument :
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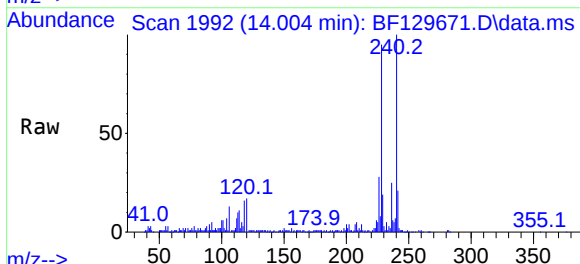
Tgt Ion:244 Resp: 1495289
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.7 8.8 13.2

Manual Integrations
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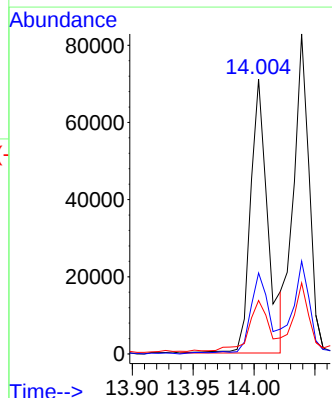
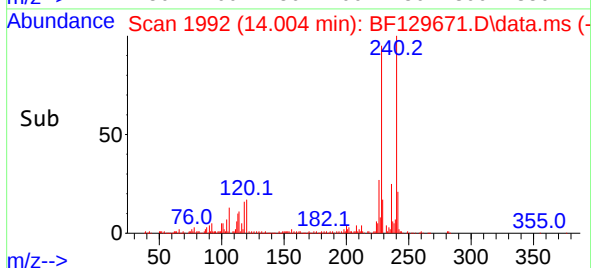
Reviewed By :Christian Giraldo 08/10/2022
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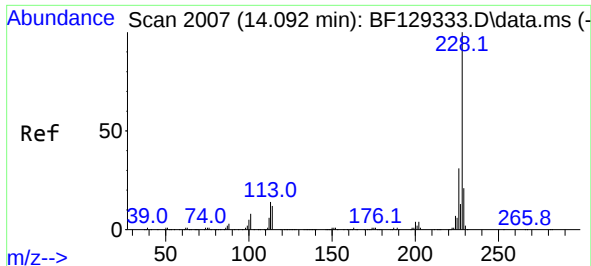


#81
 Benzo(a)anthracene
 Concen: 2.708 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129671.D
 Acq: 09 Aug 2022 17:43



Tgt Ion:228 Resp: 70305
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.1 33.1
 229 19.4 15.8 23.8





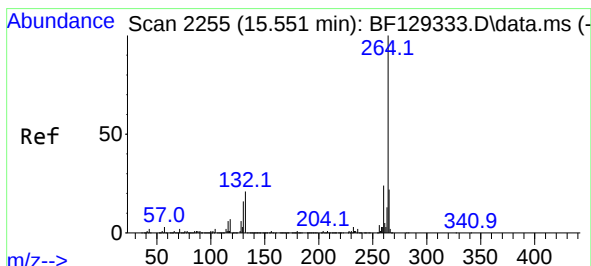
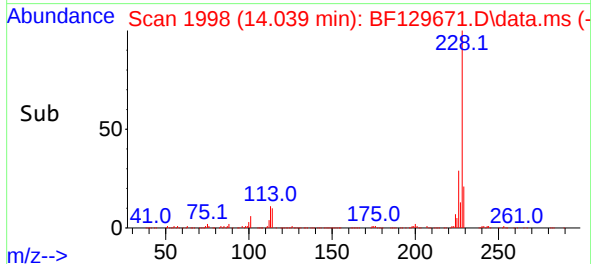
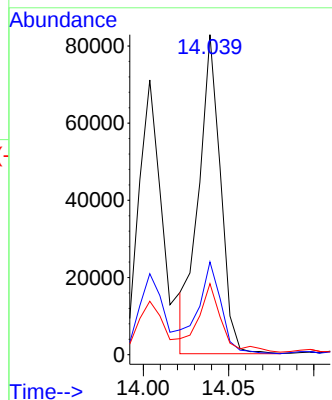
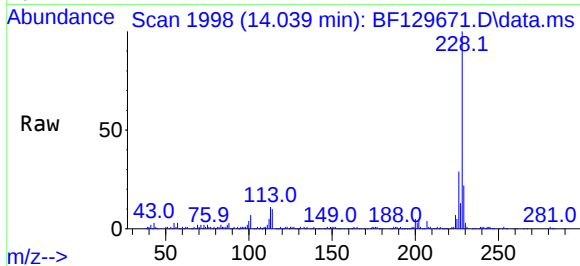
#83
Chrysene
Concen: 3.013 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

Instrument :
BNA_F
ClientSampleId :
RVE-187

Tgt Ion:228 Resp: 7372
Ion Ratio Lower Upper
228 100
226 29.0 24.3 36.5
229 22.2 15.9 23.9

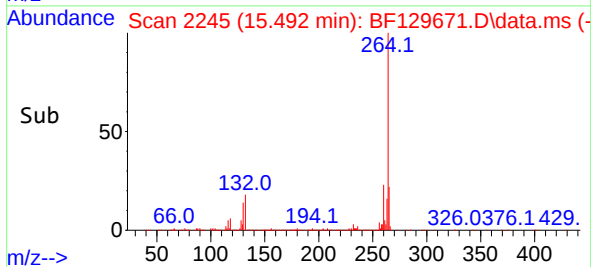
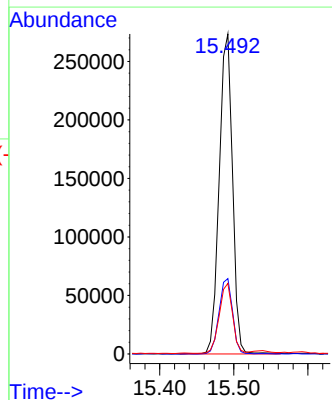
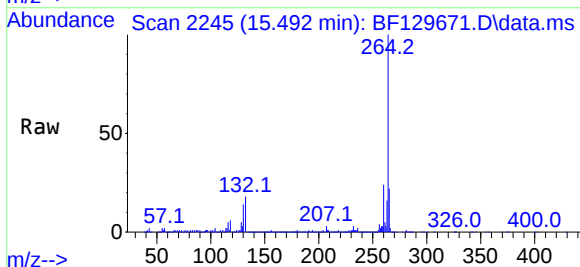
Manual Integrations
APPROVED

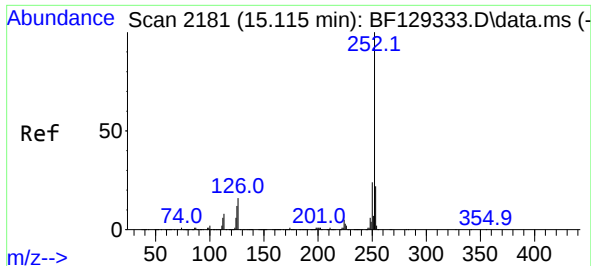
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

Tgt Ion:264 Resp: 340865
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.0 17.2 25.8





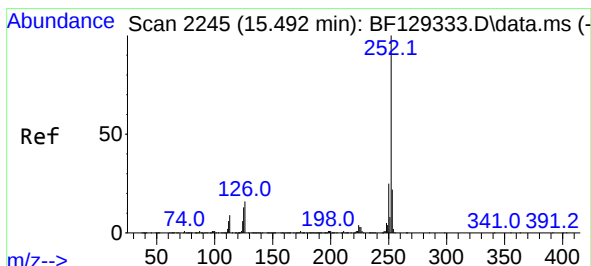
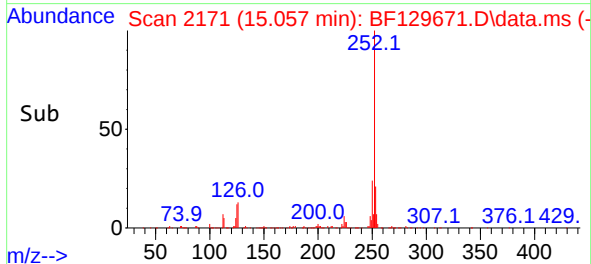
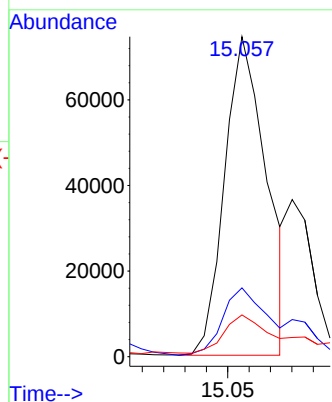
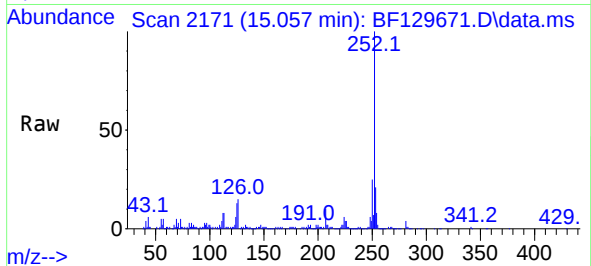
#88
Benzo(b)fluoranthene
Concen: 4.484 ng m
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

Instrument :
BNA_F
ClientSampleId :
RVE-187

Tgt Ion:252 Resp: 101390
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 13.0 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#90
Benzo(a)pyrene
Concen: 3.846 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129671.D
Acq: 09 Aug 2022 17:43

Tgt Ion:252 Resp: 70592
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 11.6 8.8 13.2

