

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129678.D
 Acq On : 09 Aug 2022 21:44
 Operator : CG\JU
 Sample : N3963-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-221

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:35:15 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	171700	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	644080	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	285427	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	391197	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	304365	20.000	ng	-0.01
86) Perylene-d12	15.492	264	269829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1086820	103.112	ng	0.00
7) Phenol-d6	6.492	99	1336151	100.854	ng	-0.01
23) Nitrobenzene-d5	7.410	82	850688	72.100	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	261419	95.264	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1446115	78.376	ng	-0.01
79) Terphenyl-d14	12.951	244	1107138	68.625	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	112426	5.196	ng	98
78) Pyrene	12.816	202	121868	4.788	ng	96
81) Benzo(a)anthracene	14.004	228	73938	3.556	ng	92
83) Chrysene	14.039	228	78553	4.009	ng	99
88) Benzo(b)fluoranthene	15.057	252	117943m	6.590	ng	
89) Benzo(k)fluoranthene	15.080	252	38928m	2.219	ng	
90) Benzo(a)pyrene	15.427	252	77574	5.339	ng	95
92) Benzo(g,h,i)perylene	17.427	276	50474	3.340	ng	97

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

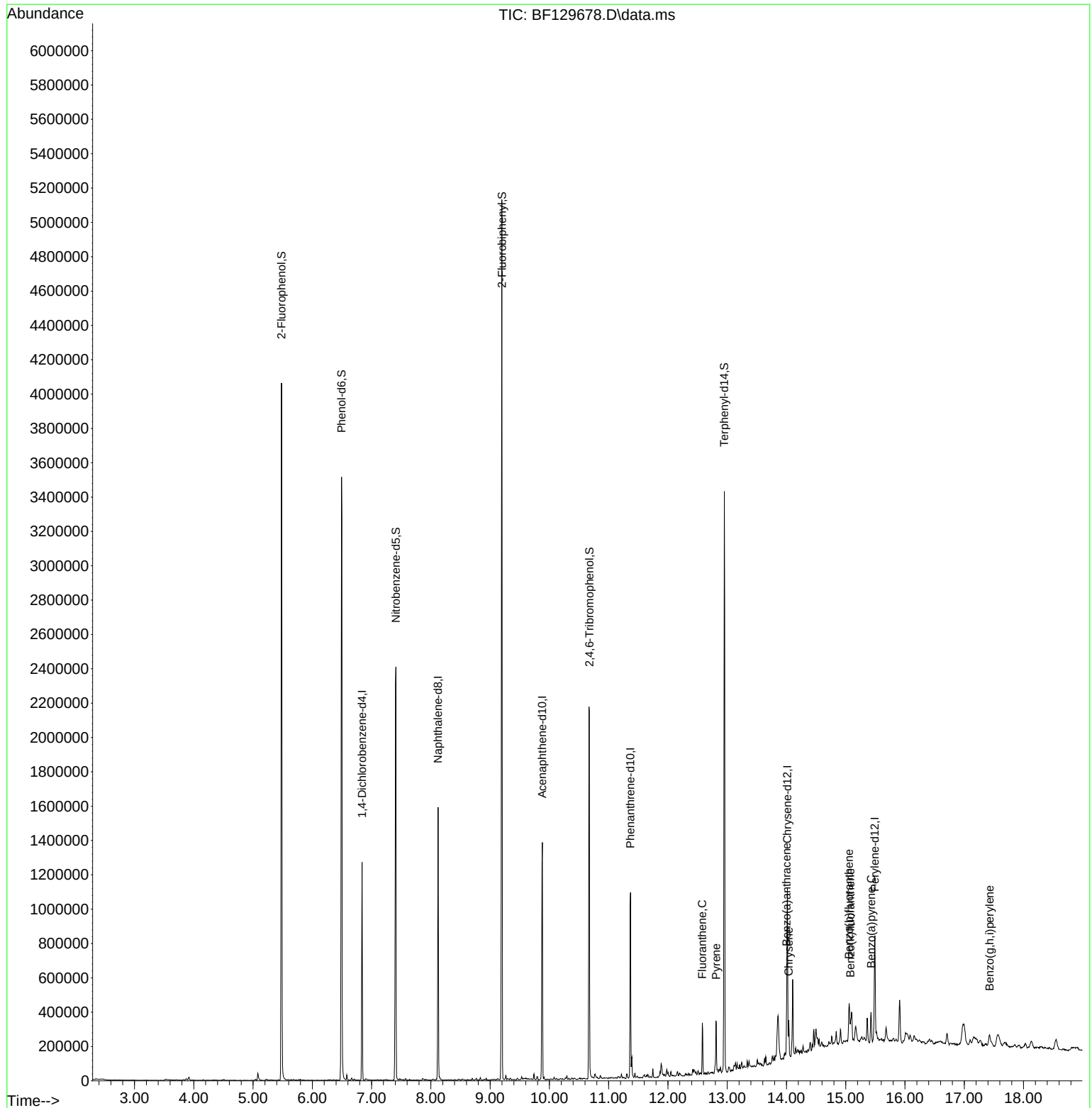
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129678.D
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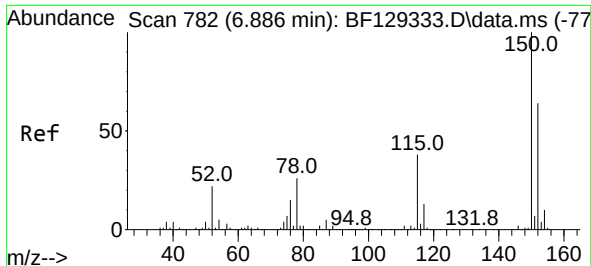
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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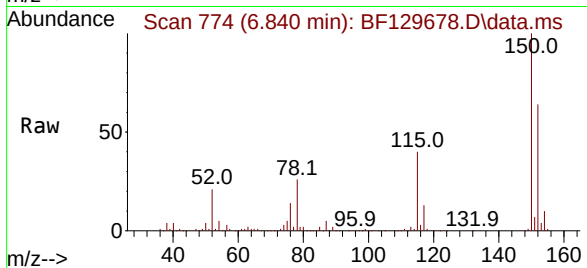
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

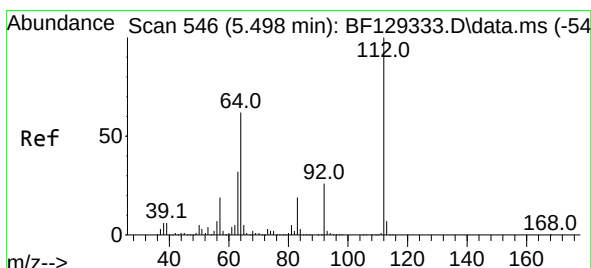
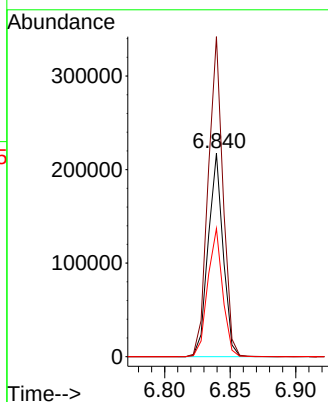
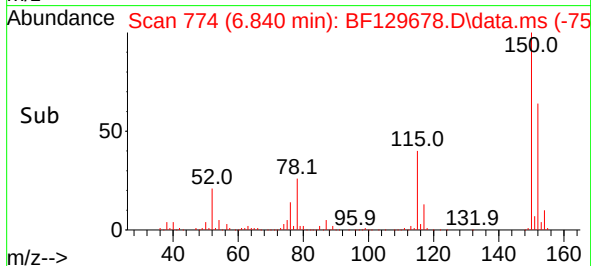
Instrument :
BNA_F
ClientSampleId :
RVE-221



Tgt Ion:152 Resp: 171700
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 63.0 49.9 74.9

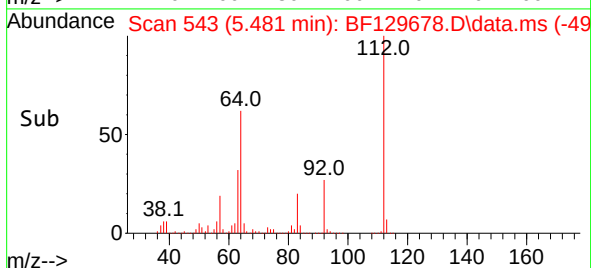
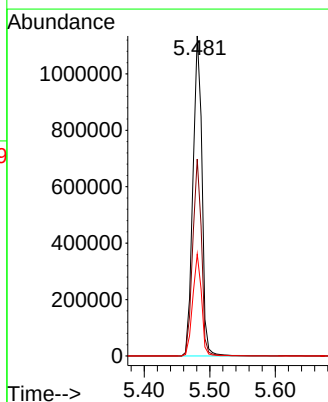
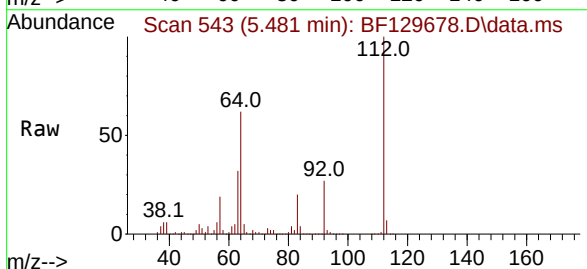
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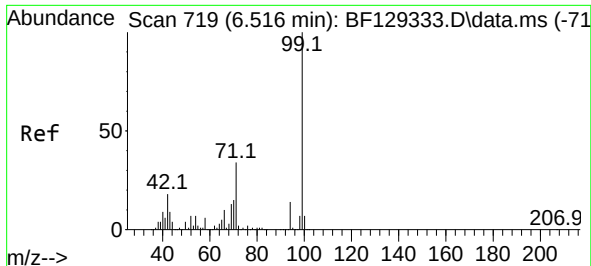
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 103.112 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

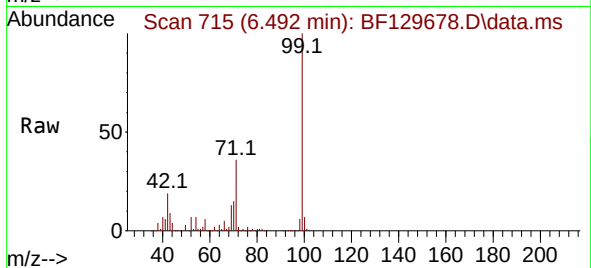
Tgt Ion:112 Resp: 1086820
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.9 28.0 42.0





#7
Phenol-d6
Concen: 100.854 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

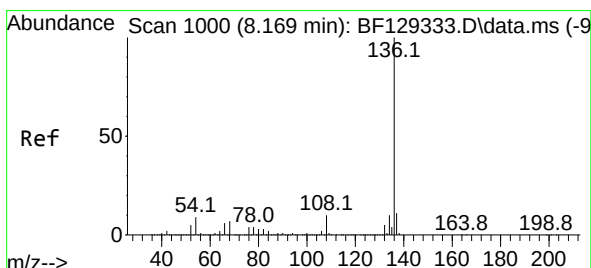
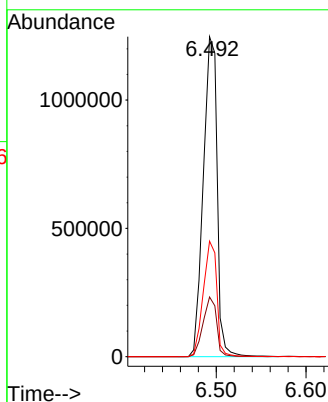
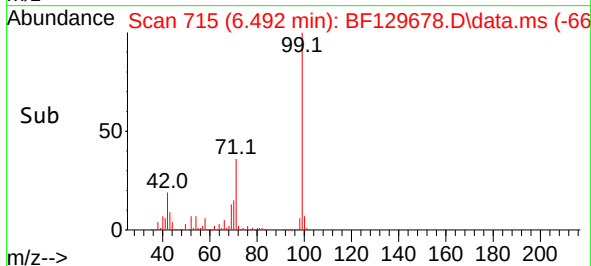
Instrument :
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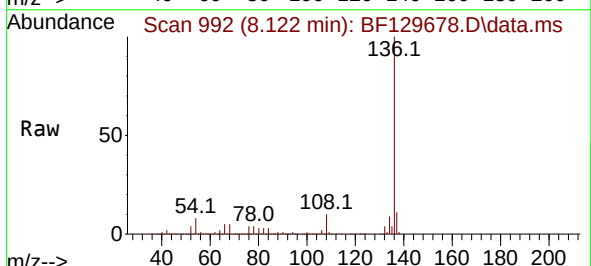
Tgt Ion: 99 Resp: 133615
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.1 28.9 43.3

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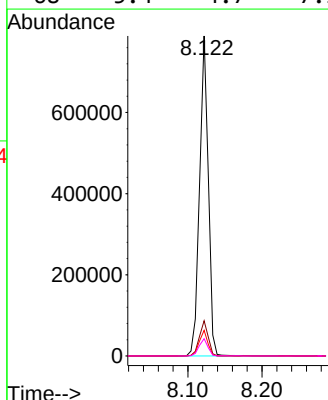
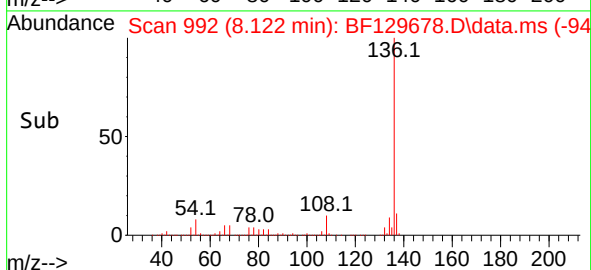
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

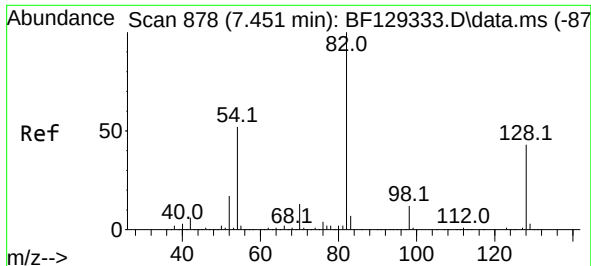


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44



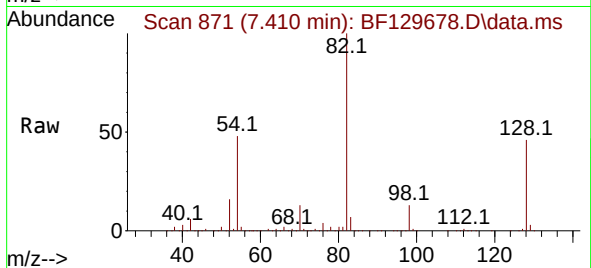
Tgt Ion:136 Resp: 644080
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 72.100 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

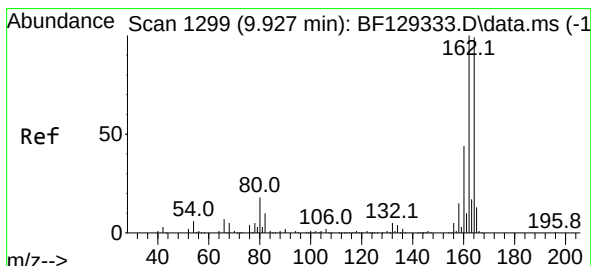
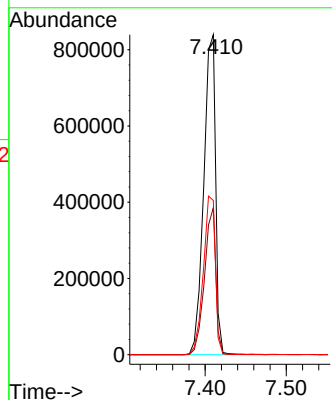
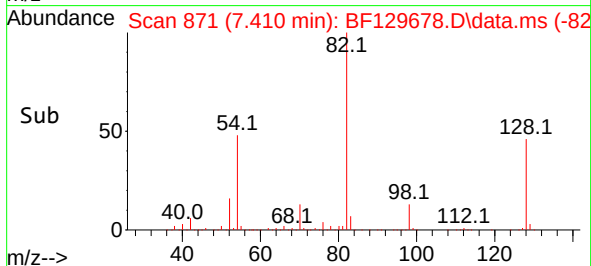
Instrument :
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ClientSampleId :
RVE-221



Tgt Ion: 82 Resp: 85068
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 48.2 46.9 70.3

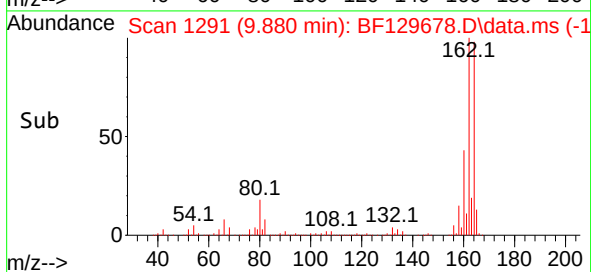
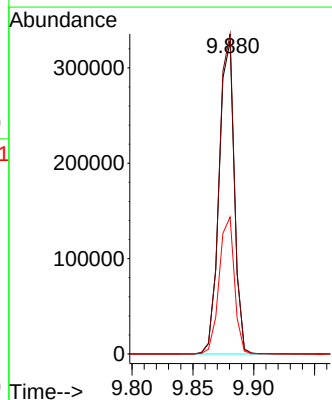
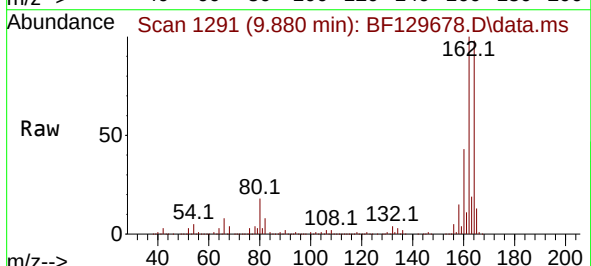
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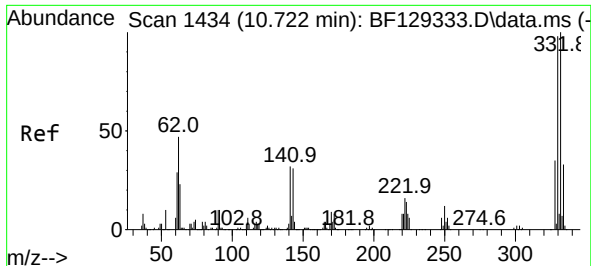
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:164 Resp: 285427
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 43.8 34.2 51.4





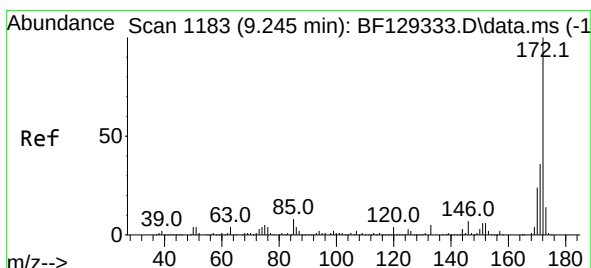
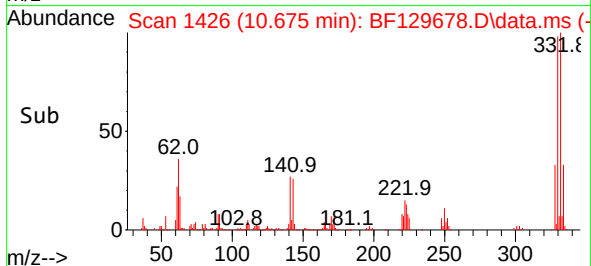
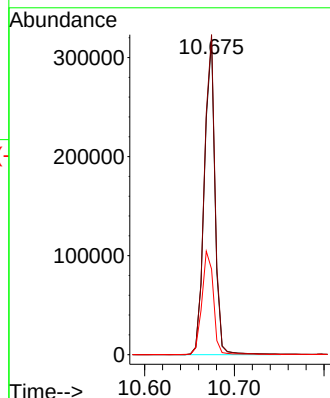
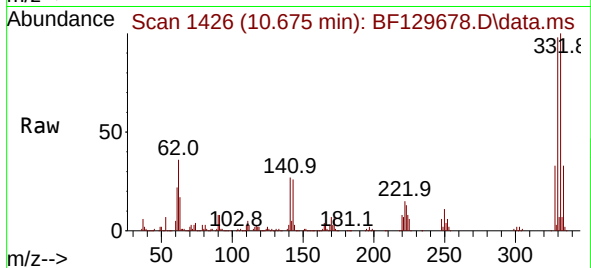
#42
2,4,6-Tribromophenol
Concen: 95.264 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion: 330 Resp: 261415
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 36.0 28.0 42.0

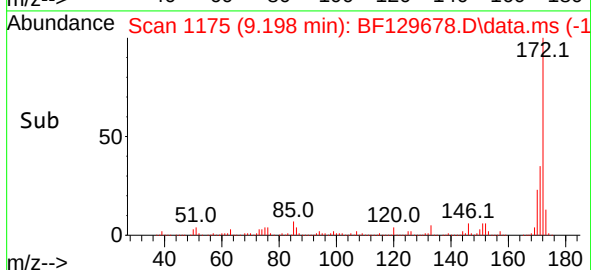
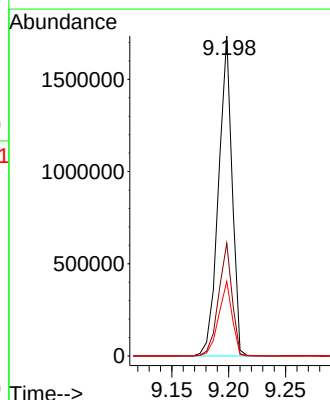
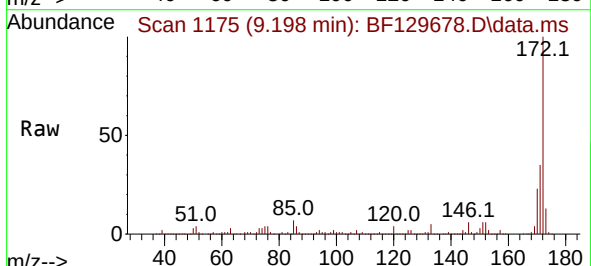
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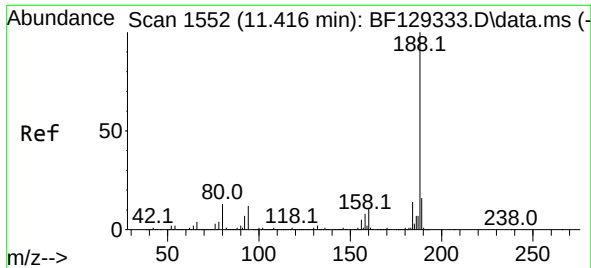
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 78.376 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion: 172 Resp: 1446115
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.3 19.8 29.8





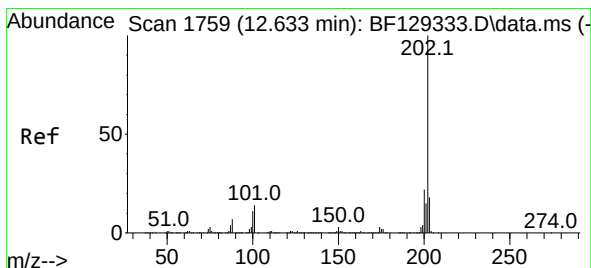
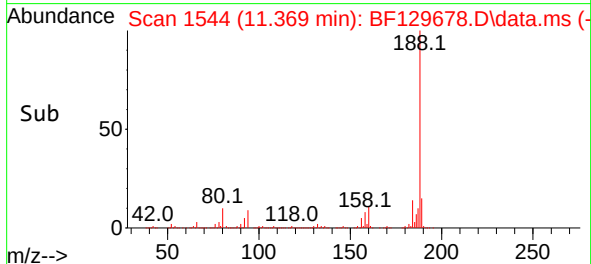
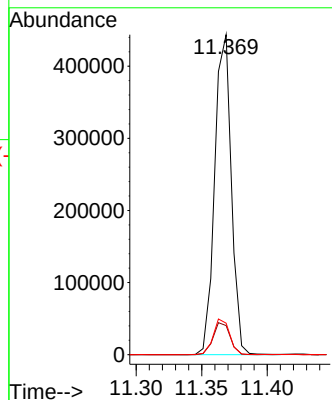
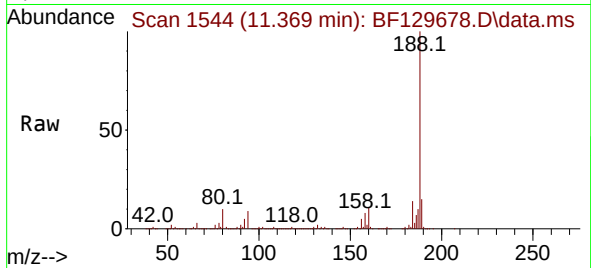
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion:188 Resp: 39119
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.8 7.6 11.4

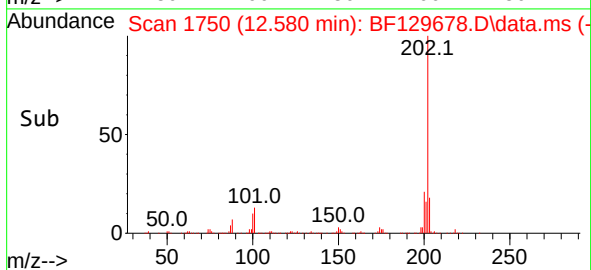
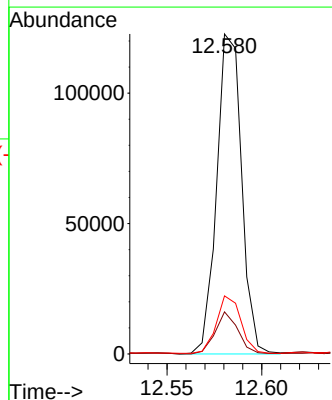
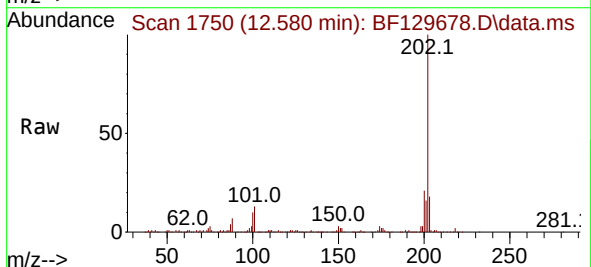
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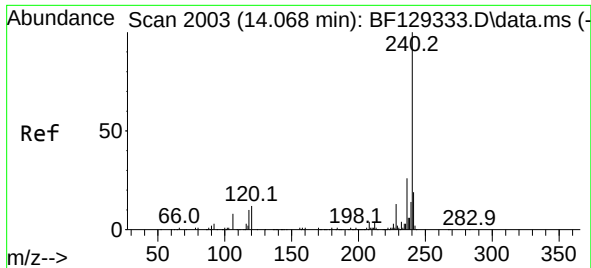
Reviewed By :Christian Giraldo 08/10/2022
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#75
Fluoranthene
Concen: 5.196 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

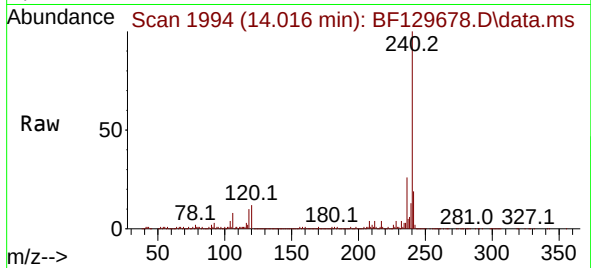
Tgt Ion:202 Resp: 112426
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.1 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

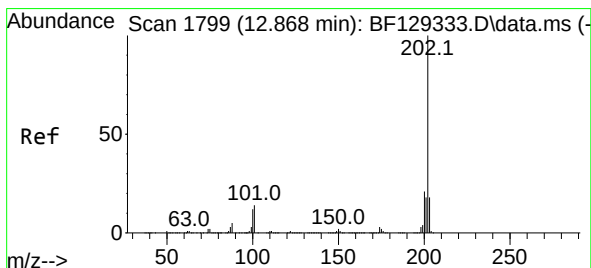
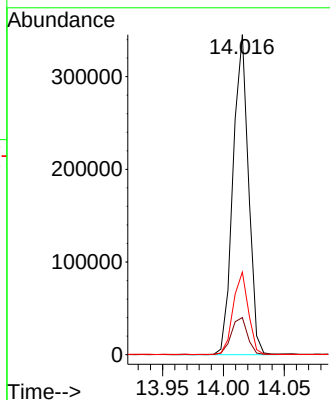
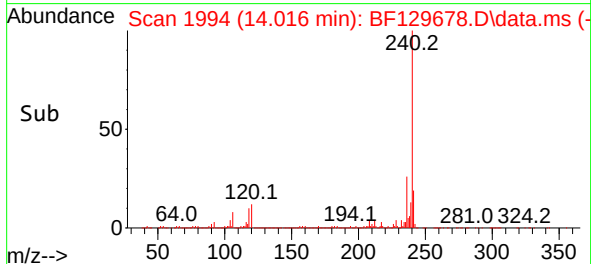
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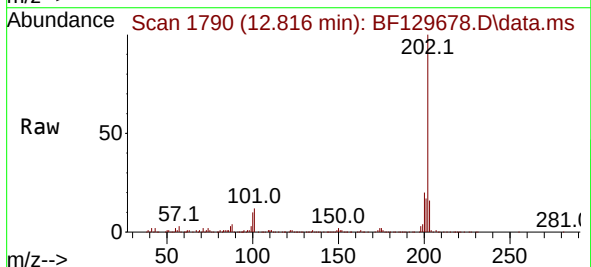
Tgt Ion:240 Resp: 30436
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.8 31.2

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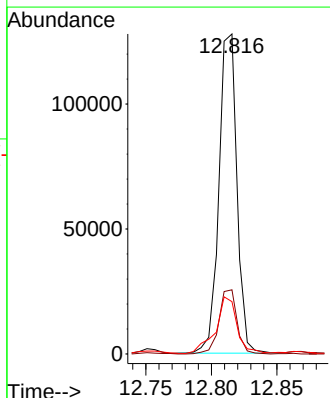
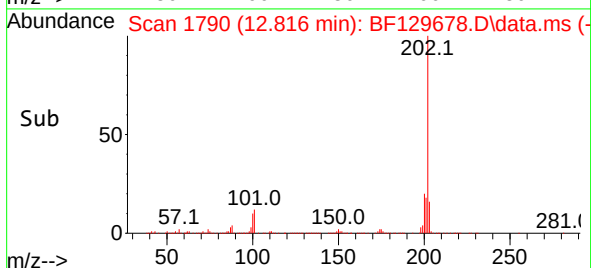
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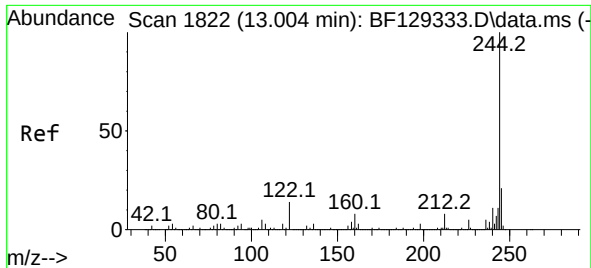


#78
Pyrene
Concen: 4.788 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44



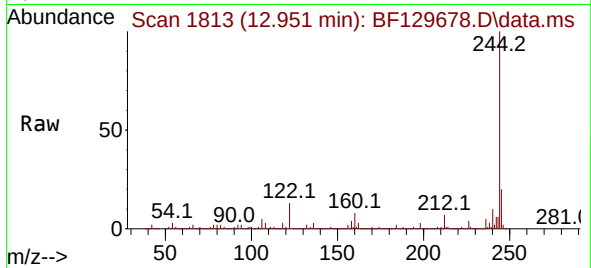
Tgt Ion:202 Resp: 121868
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 16.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 68.625 ng
 RT: 12.951 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF129678.D
 Acq: 09 Aug 2022 21:44

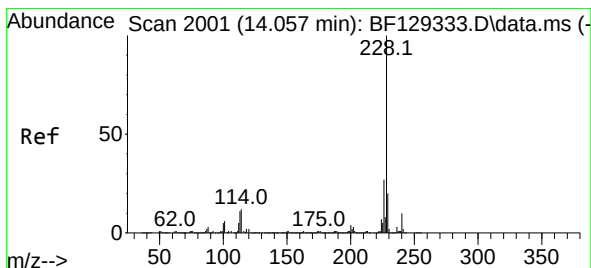
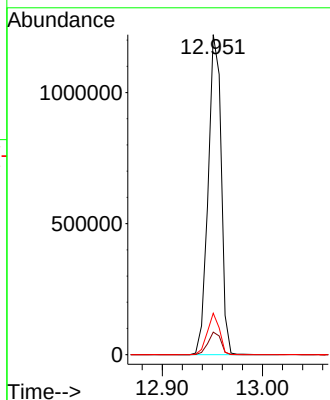
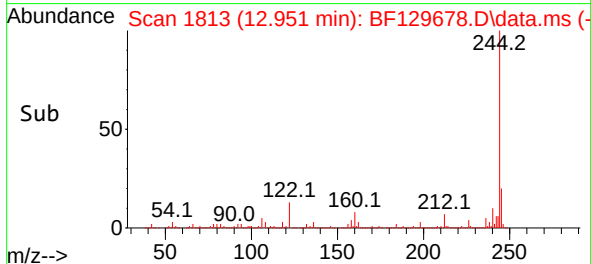
Instrument :
 BNA_F
 ClientSampleId :
 RVE-221



Tgt Ion:244 Resp: 1107138
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.9 8.8 13.2

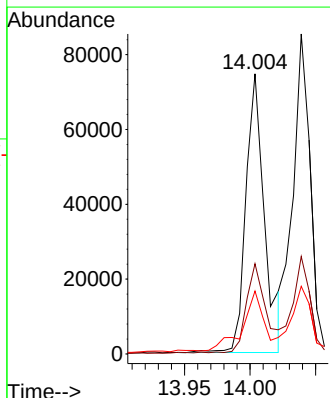
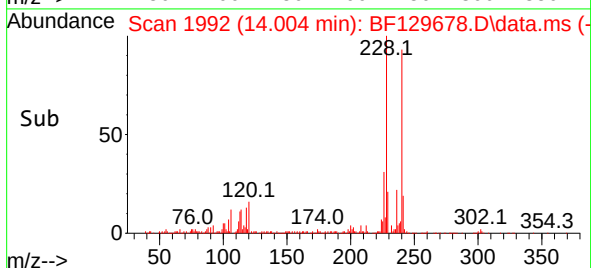
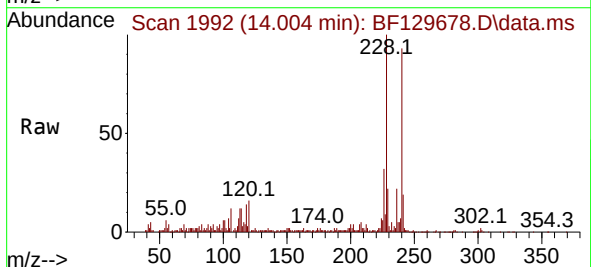
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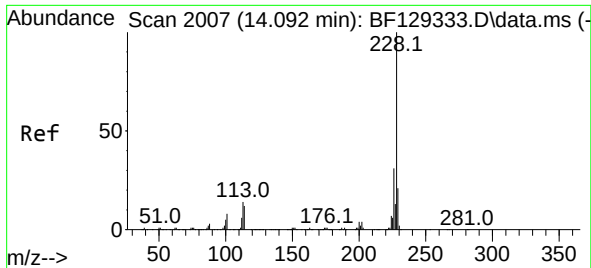
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022



#81
 Benzo(a)anthracene
 Concen: 3.556 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129678.D
 Acq: 09 Aug 2022 21:44

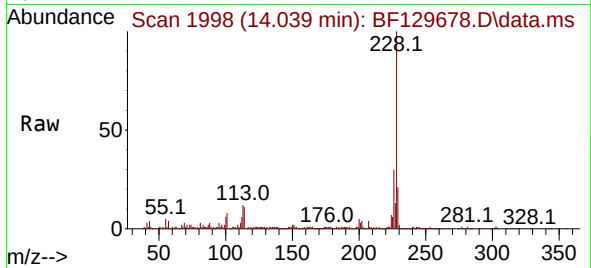
Tgt Ion:228 Resp: 73938
 Ion Ratio Lower Upper
 228 100
 226 32.2 22.1 33.1
 229 22.4 15.8 23.8





#83
Chrysene
Concen: 4.009 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

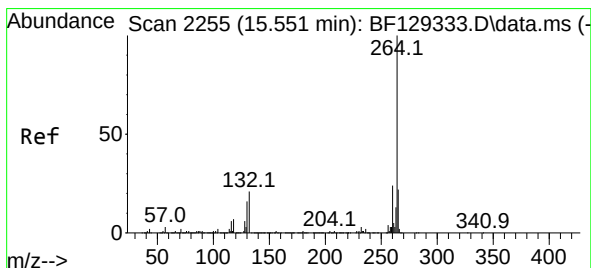
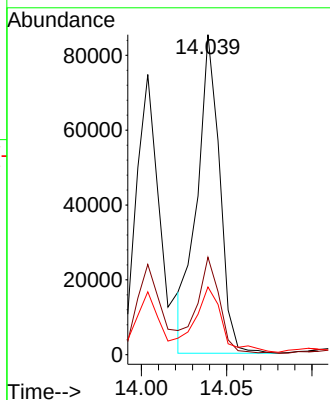
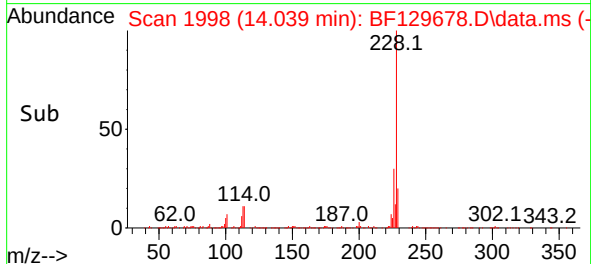
Instrument :
BNA_F
ClientSampleId :
RVE-221



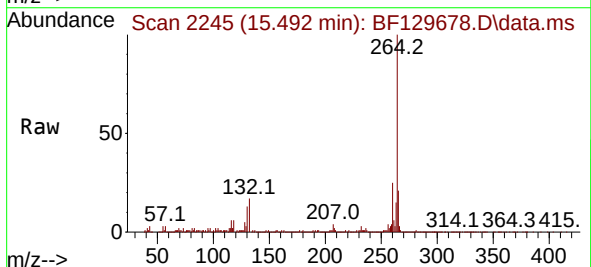
Tgt Ion:228 Resp: 7855
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.1 15.9 23.9

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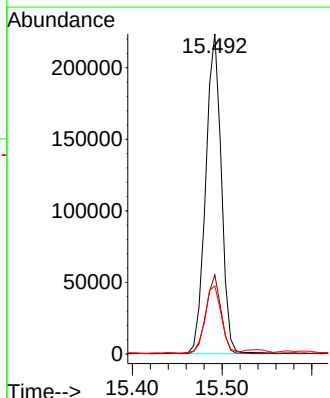
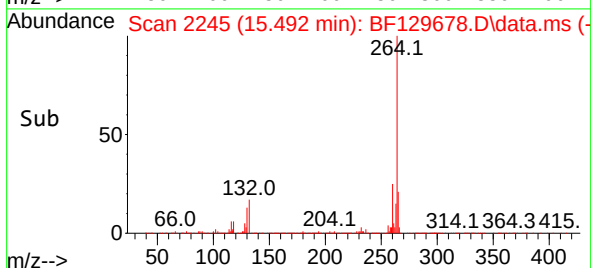
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

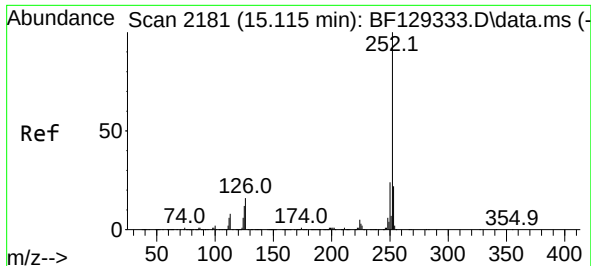


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44



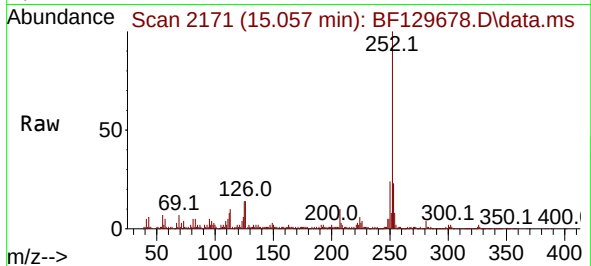
Tgt Ion:264 Resp: 269829
Ion Ratio Lower Upper
264 100
260 24.7 18.4 27.6
265 21.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 6.590 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

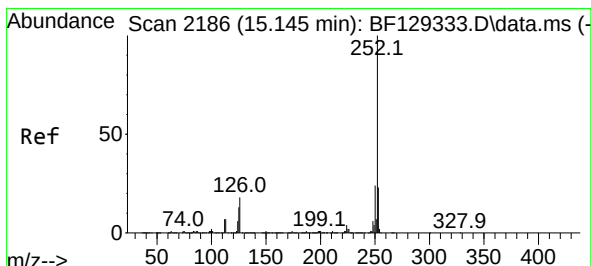
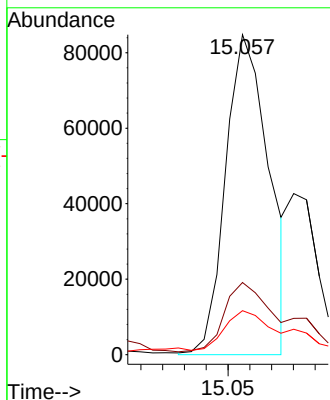
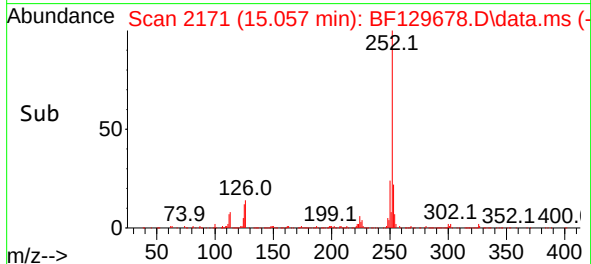
Instrument :
BNA_F
ClientSampleId :
RVE-221



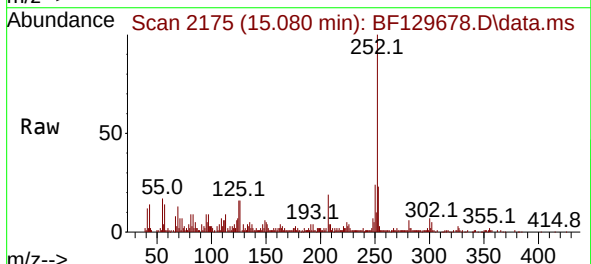
Tgt Ion:252 Resp: 11794
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.8 8.0 12.0

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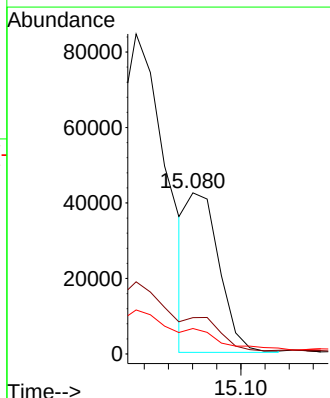
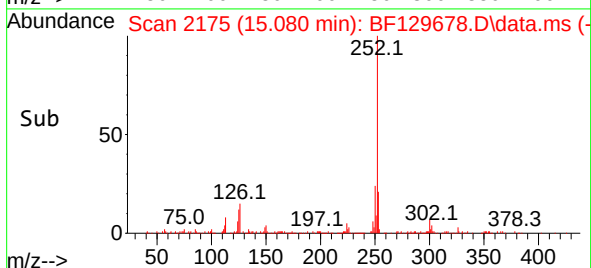
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

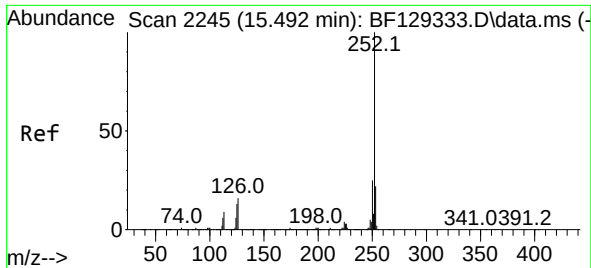


#89
Benzo(k)fluoranthene
Concen: 2.219 ng m
RT: 15.080 min Scan# 2175
Delta R.T. -0.024 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44



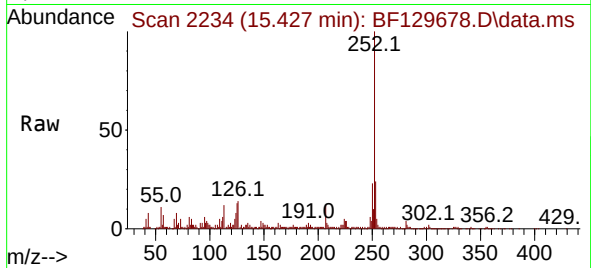
Tgt Ion:252 Resp: 38928
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 15.8 8.3 12.5





#90
Benzo(a)pyrene
Concen: 5.339 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

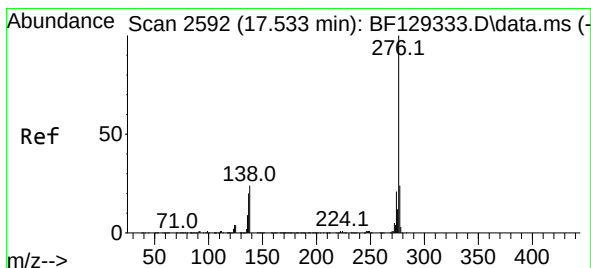
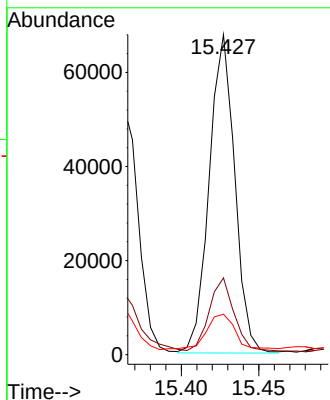
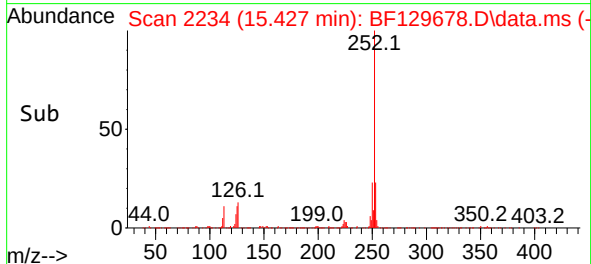
Instrument :
BNA_F
ClientSampleId :
RVE-221



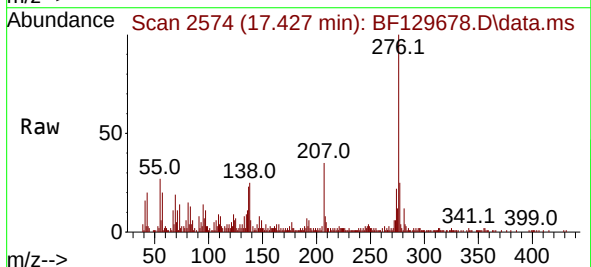
Tgt Ion: 252 Resp: 77574
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.6
125 12.6 8.8 13.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.340 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44



Tgt Ion: 276 Resp: 50474
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 25.0 18.0 27.0

