

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129651.D
 Acq On : 09 Aug 2022 02:11
 Operator : CG\JU
 Sample : N3962-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-203

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 02:34:00 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	155628	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	583355	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	253008	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	327861	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	294370	20.000	ng	-0.01
86) Perylene-d12	15.492	264	210234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	901934	94.408	ng	0.00
7) Phenol-d6	6.492	99	1102244	91.790	ng	-0.01
23) Nitrobenzene-d5	7.404	82	704391	65.915	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	193732	79.644	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1205569	73.711	ng	-0.01
79) Terphenyl-d14	12.957	244	918478	58.864	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	41039	2.293	ng	98
75) Fluoranthene	12.586	202	79181	4.366	ng	98
78) Pyrene	12.816	202	123968	5.036	ng	98
81) Benzo(a)anthracene	14.004	228	61411	3.054	ng	92
83) Chrysene	14.039	228	63699	3.361	ng	97
88) Benzo(b)fluoranthene	15.057	252	63810m	4.576	ng	
90) Benzo(a)pyrene	15.427	252	44236	3.908	ng	# 89
92) Benzo(g,h,i)perylene	17.421	276	33462	2.842	ng	94

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

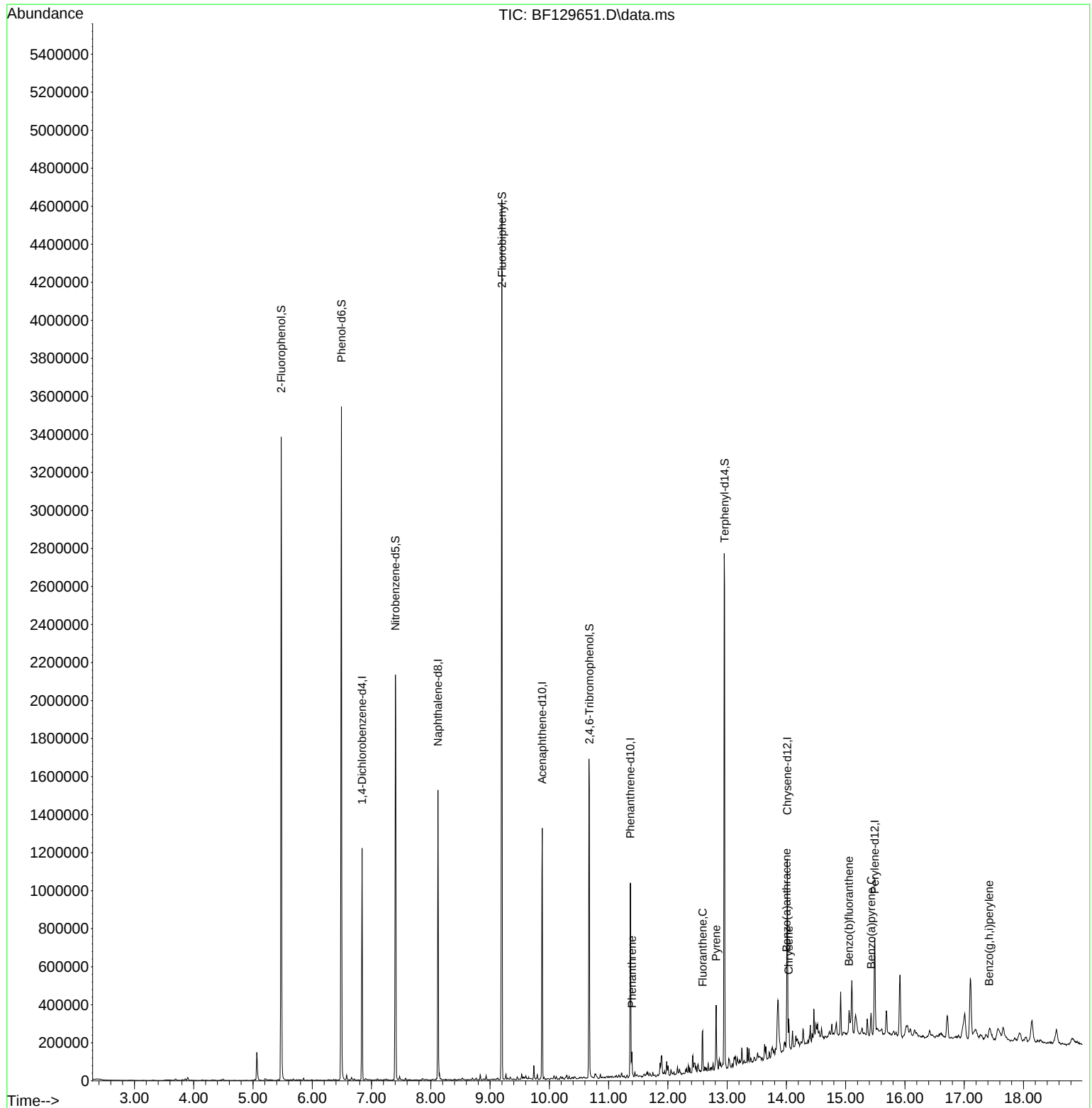
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
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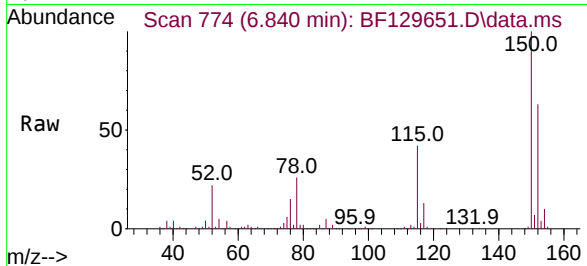
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

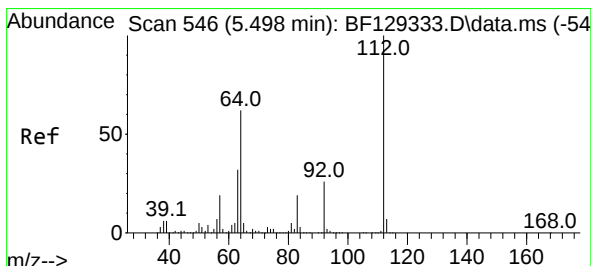
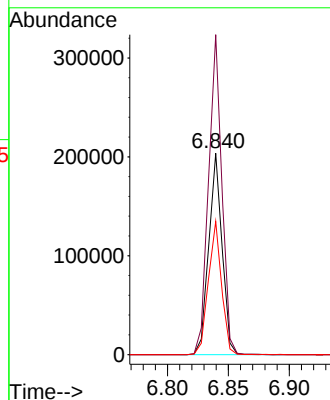
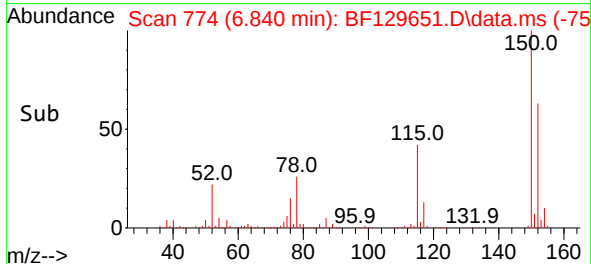
Instrument :
BNA_F
ClientSampleId :
RVE-203



Tgt Ion:152 Resp: 155628
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 66.1 49.9 74.9

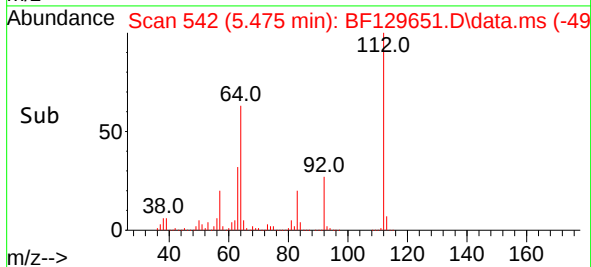
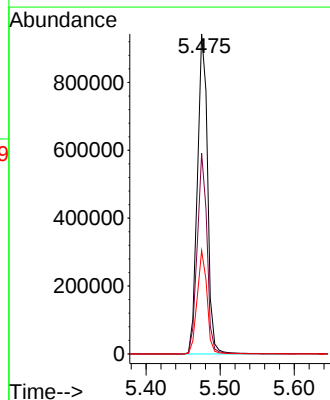
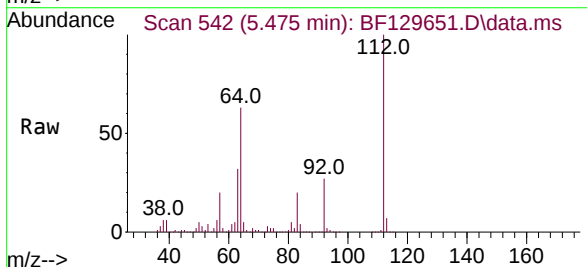
Manual Integrations
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#5
2-Fluorophenol
Concen: 94.408 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

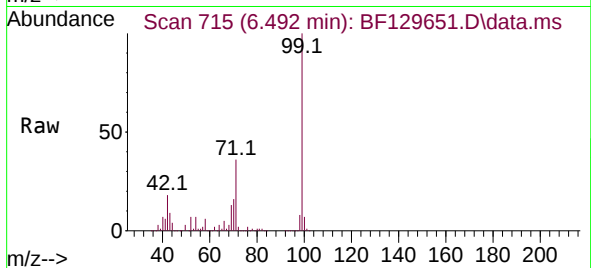
Tgt Ion:112 Resp: 901934
Ion Ratio Lower Upper
112 100
64 62.7 53.3 79.9
63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 91.790 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

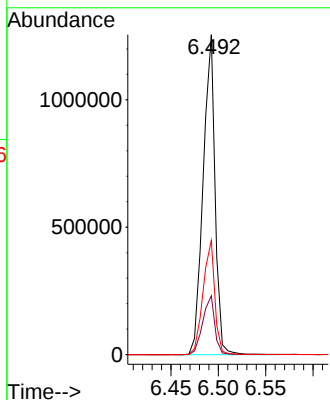
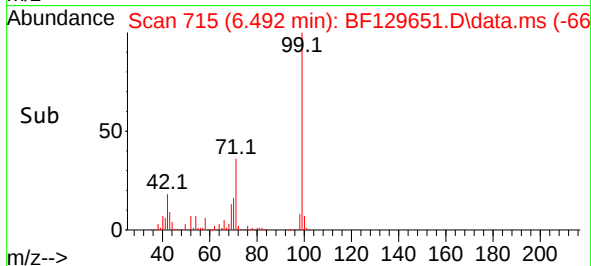
Instrument :
BNA_F
ClientSampleId :
RVE-203



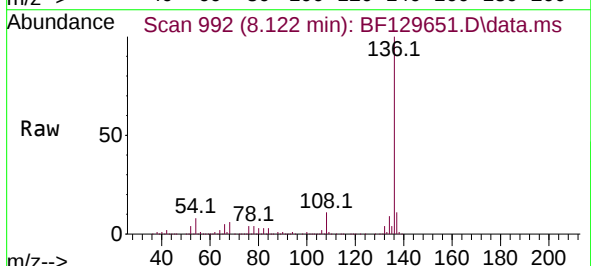
Tgt Ion: 99 Resp: 1102244
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.7 28.9 43.3

Manual Integrations
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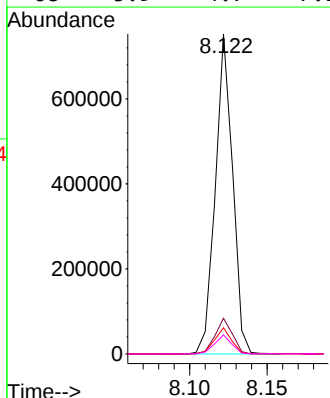
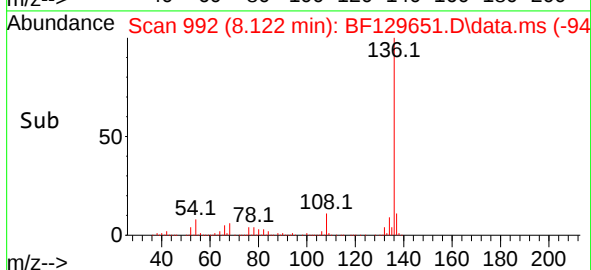
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11



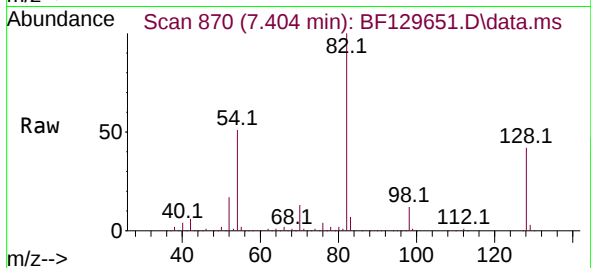
Tgt Ion:136 Resp: 583355
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 65.915 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

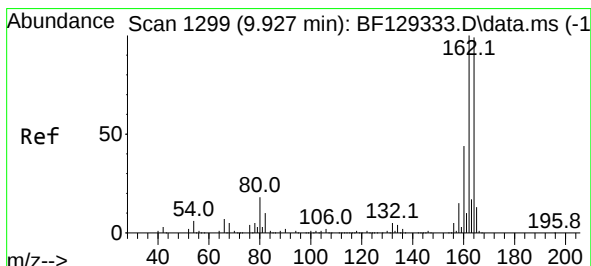
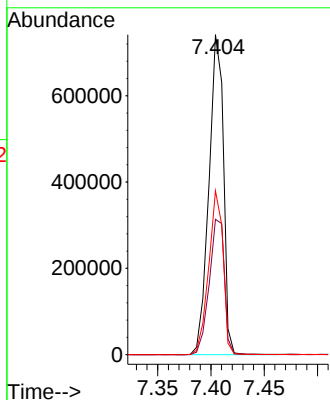
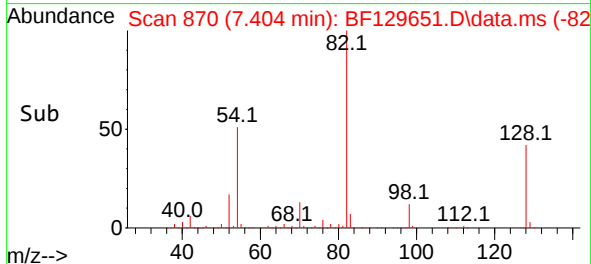
Instrument :
BNA_F
ClientSampleId :
RVE-203



Tgt Ion: 82 Resp: 704391
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 51.2 46.9 70.3

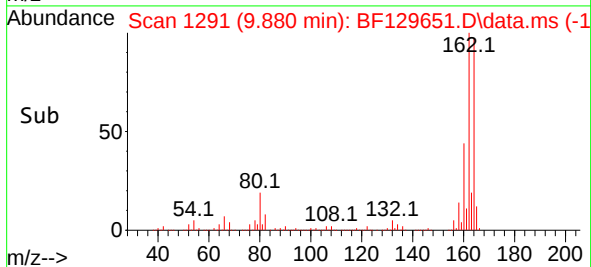
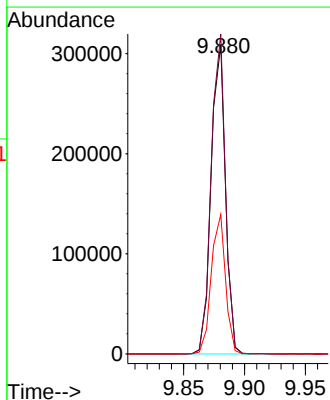
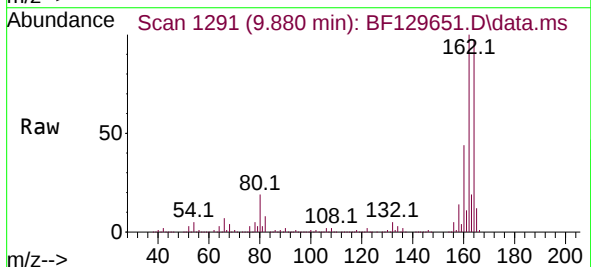
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:164 Resp: 253008
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 45.1 34.2 51.4





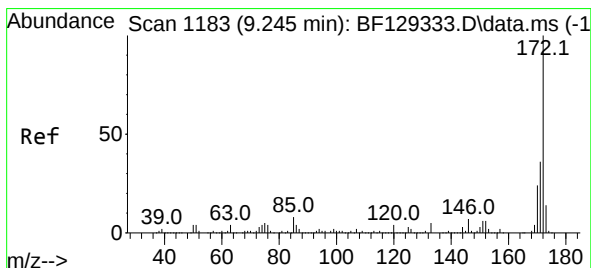
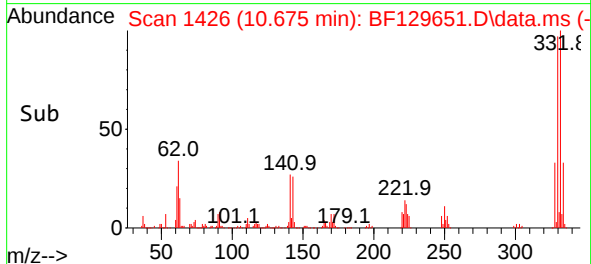
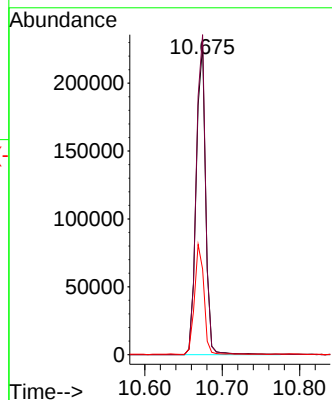
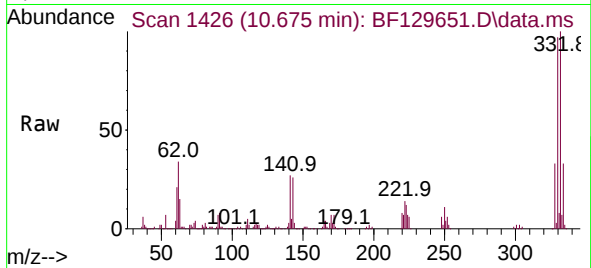
#42
2,4,6-Tribromophenol
Concen: 79.644 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion: 330 Resp: 193732
Ion Ratio Lower Upper
330 100
332 102.0 76.8 115.2
141 35.0 28.0 42.0

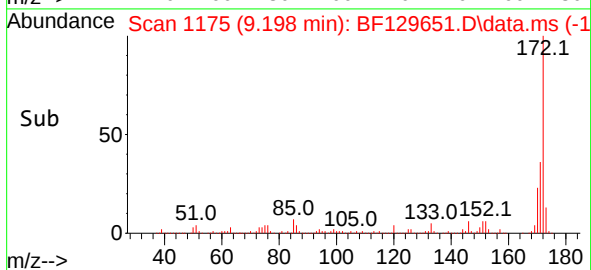
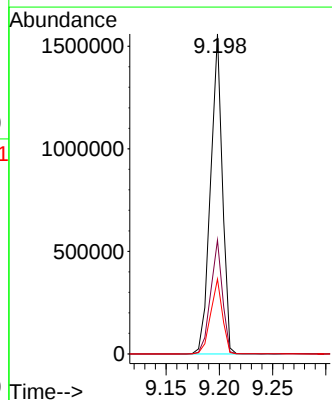
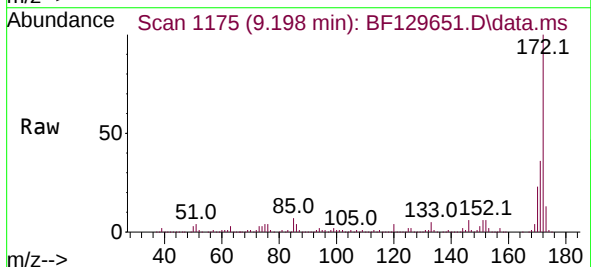
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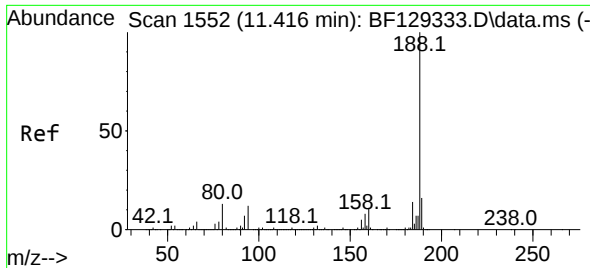
Reviewed By : Christian Giraldo 08/09/2022
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#45
2-Fluorobiphenyl
Concen: 73.711 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

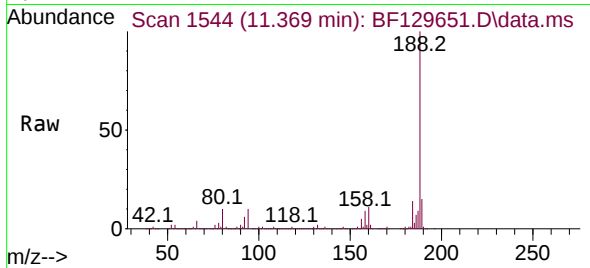
Tgt Ion: 172 Resp: 1205569
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

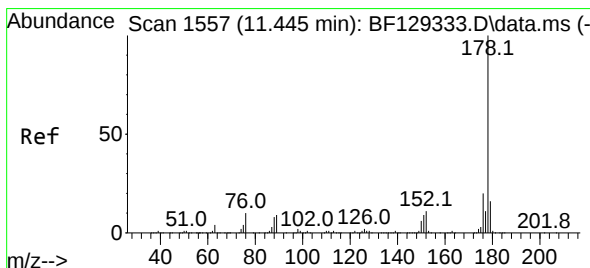
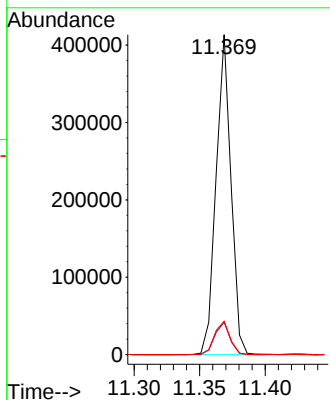
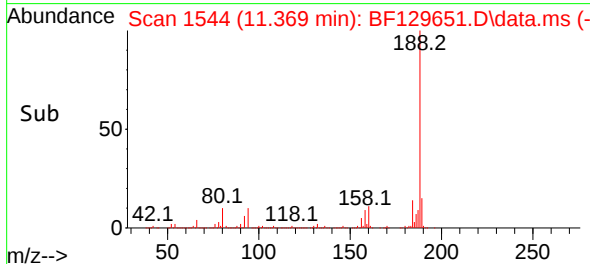
Instrument :
BNA_F
ClientSampleId :
RVE-203



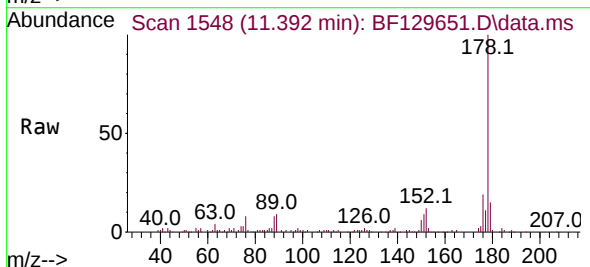
Tgt Ion:188 Resp: 327861
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.4 7.6 11.4

Manual Integrations
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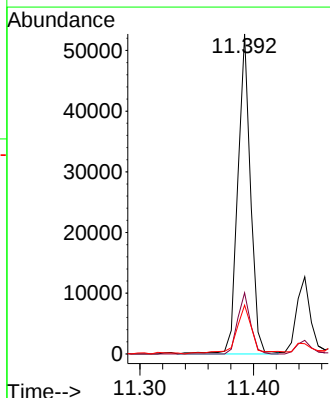
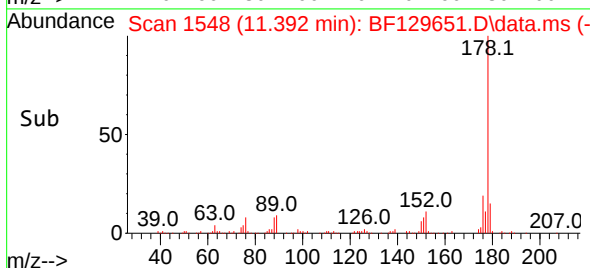
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

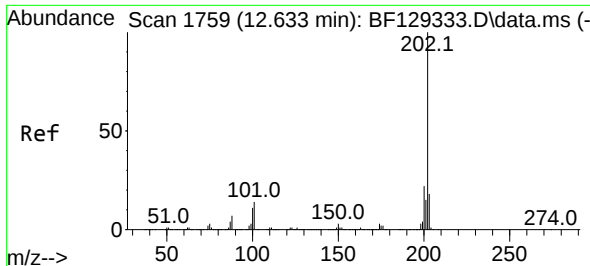


#71
Phenanthrene
Concen: 2.293 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11



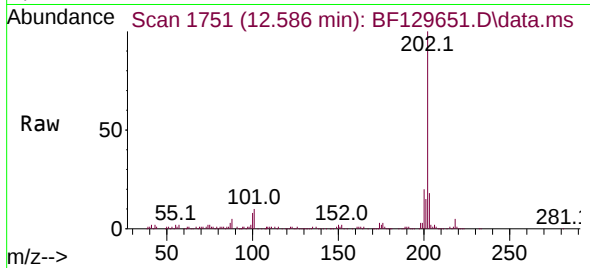
Tgt Ion:178 Resp: 41039
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.2 12.6 19.0





#75
Fluoranthene
Concen: 4.366 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

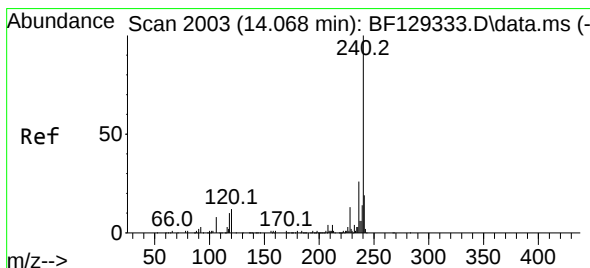
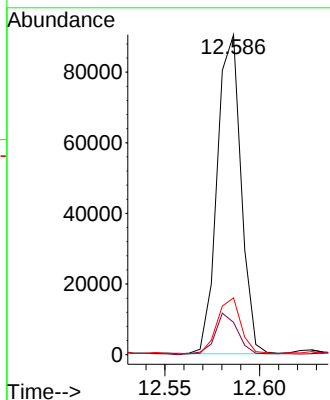
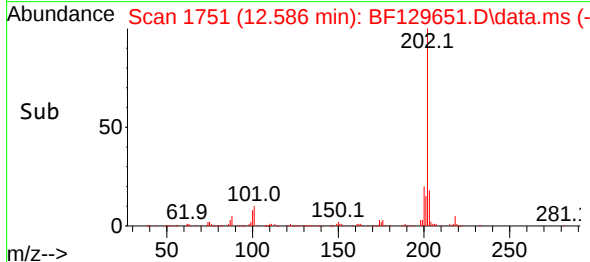
Instrument :
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RVE-203



Tgt Ion:202 Resp: 7918
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 17.7 0.0 38.0

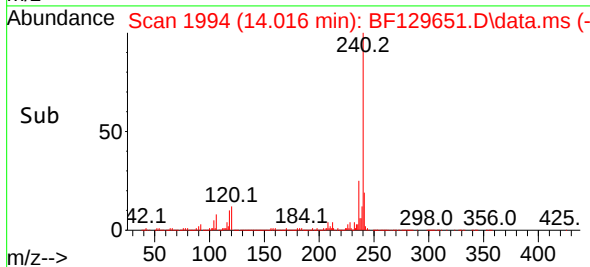
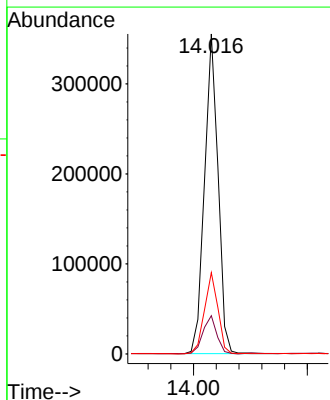
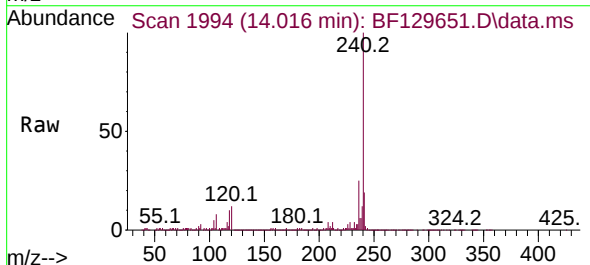
Manual Integrations
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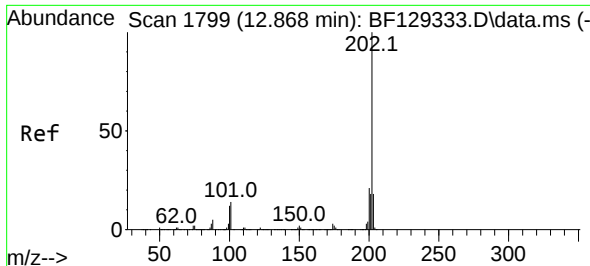
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

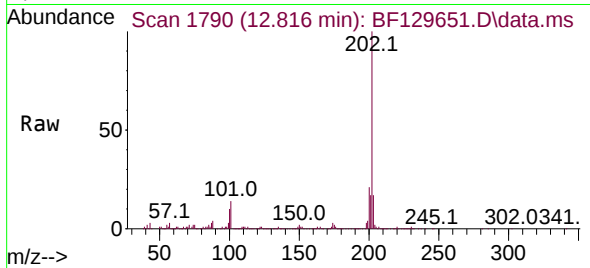
Tgt Ion:240 Resp: 294370
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.4 20.8 31.2





#78
Pyrene
Concen: 5.036 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

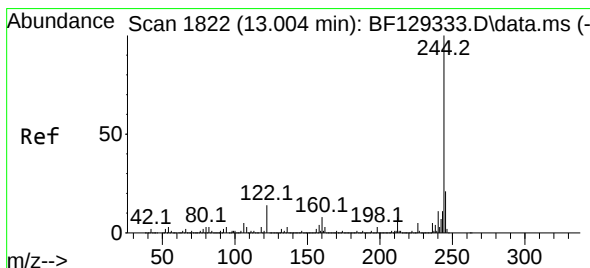
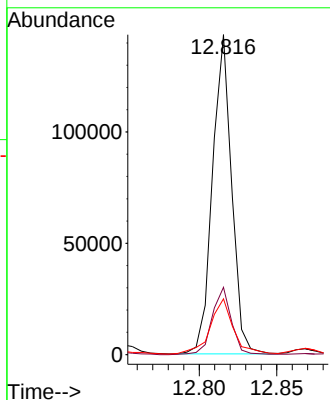
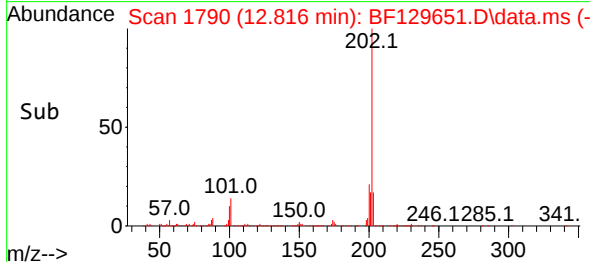
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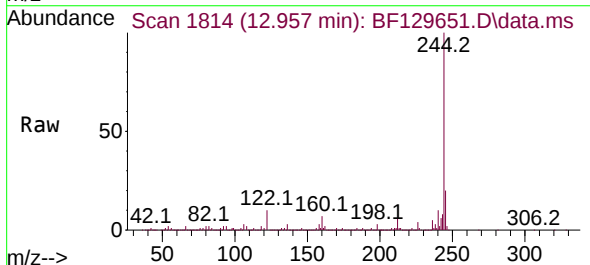
Tgt Ion:202 Resp: 123968
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.4 14.6 21.8

Manual Integrations
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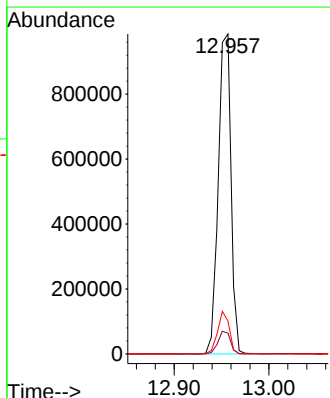
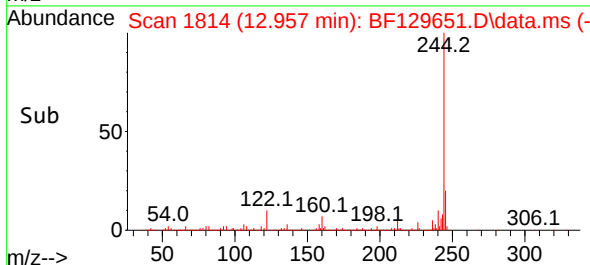
Reviewed By :Christian Giraldo 08/09/2022
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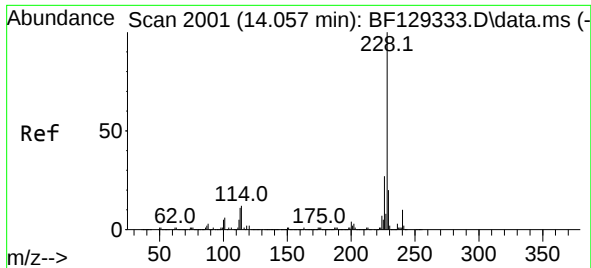


#79
Terphenyl-d14
Concen: 58.864 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11



Tgt Ion:244 Resp: 918478
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 10.3 8.8 13.2





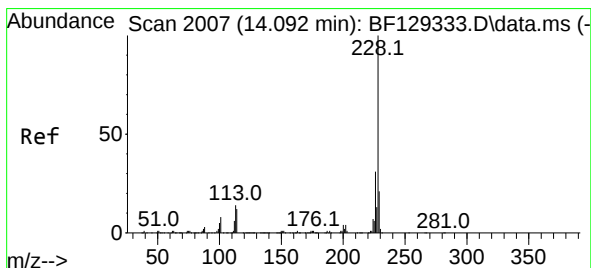
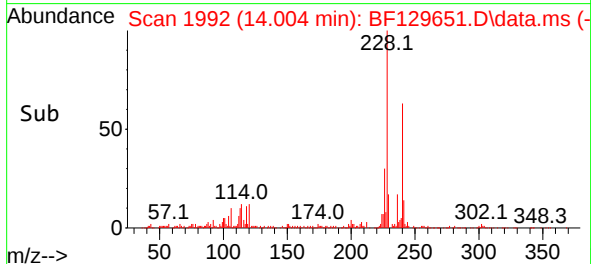
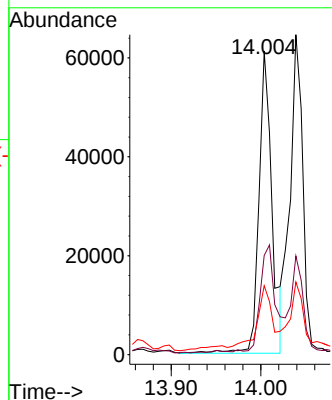
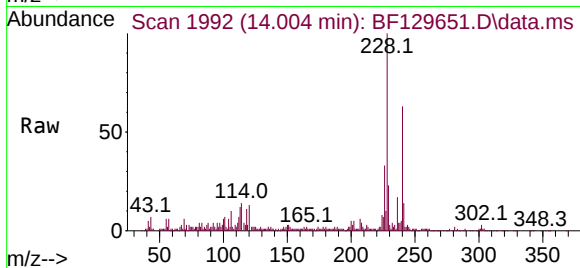
#81
Benzo(a)anthracene
Concen: 3.054 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion:228 Resp: 61411
Ion Ratio Lower Upper
228 100
226 32.7 22.1 33.1
229 22.7 15.8 23.8

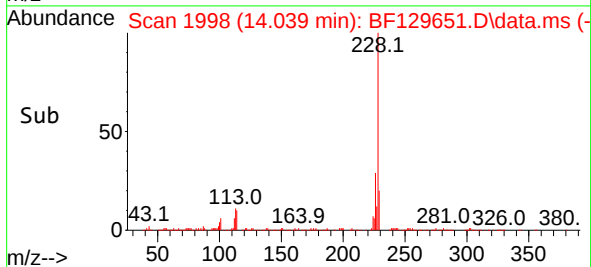
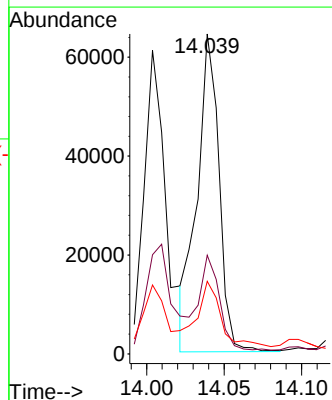
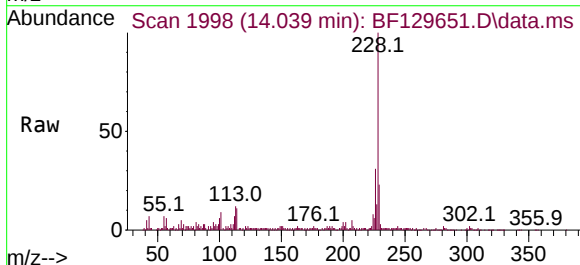
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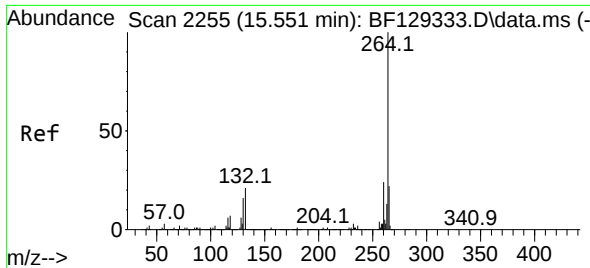
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#83
Chrysene
Concen: 3.361 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

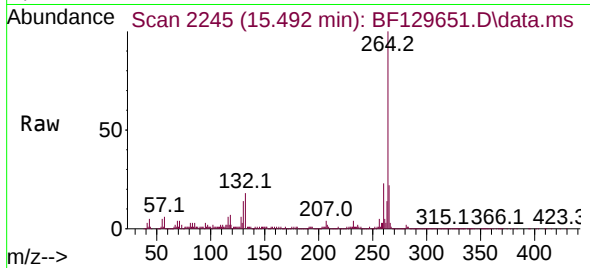
Tgt Ion:228 Resp: 63699
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

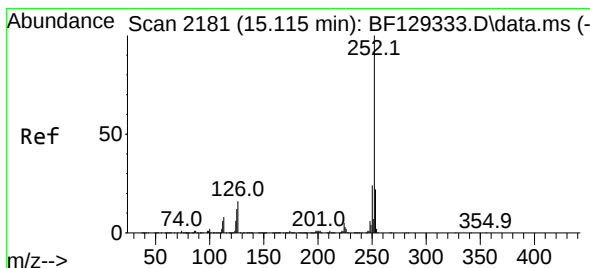
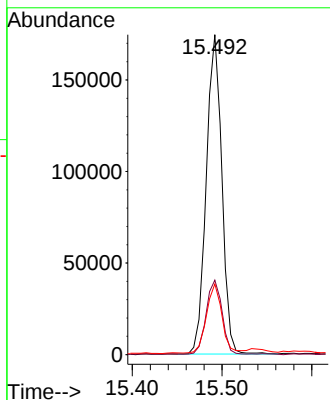
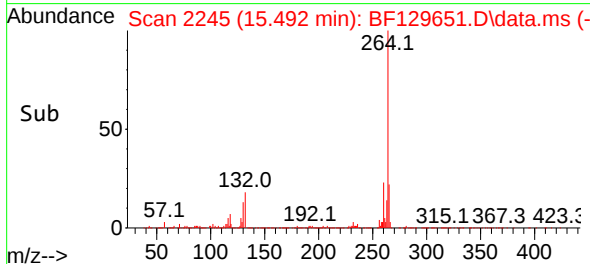
Instrument :
BNA_F
ClientSampleId :
RVE-203



Tgt Ion:264 Resp: 210234
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.1 17.2 25.8

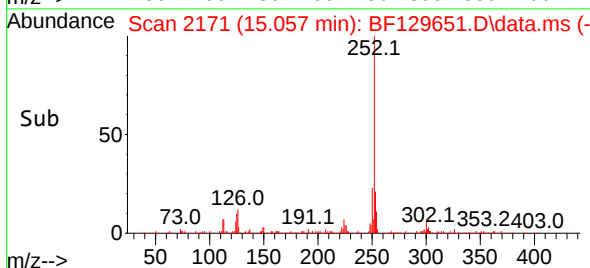
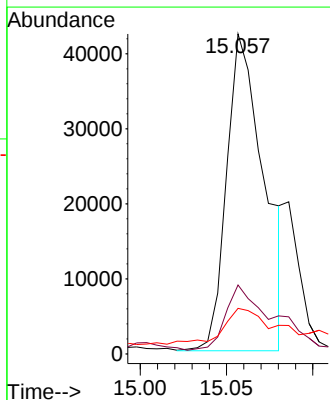
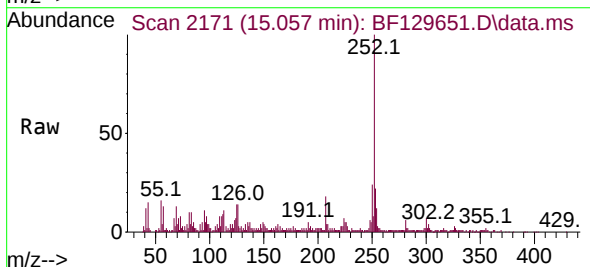
Manual Integrations
APPROVED

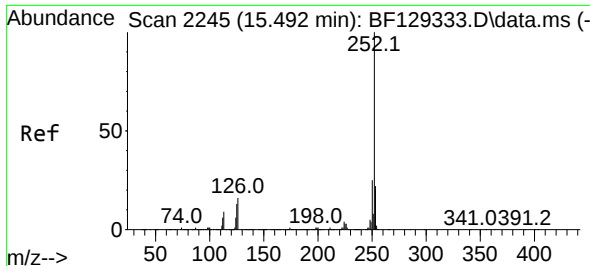
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#88
Benzo(b)fluoranthene
Concen: 4.576 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

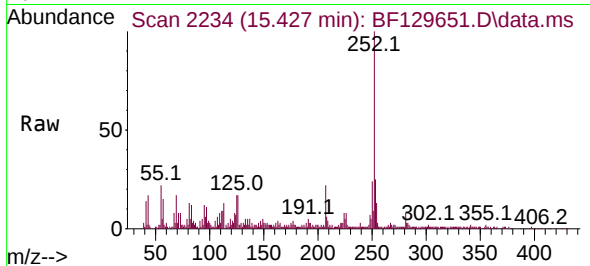
Tgt Ion:252 Resp: 63810
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 14.2 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.908 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

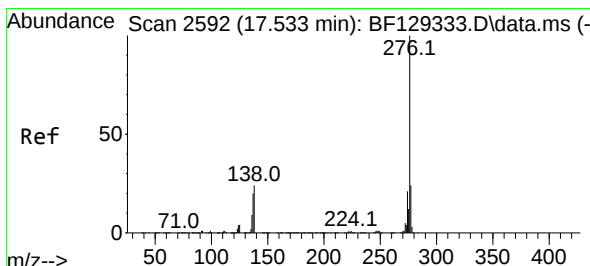
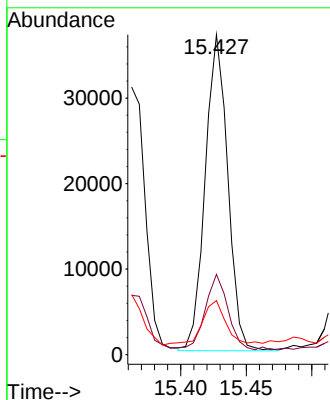
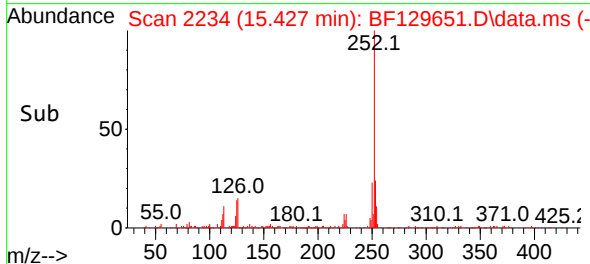
Instrument :
BNA_F
ClientSampleId :
RVE-203



Tgt Ion:252 Resp: 44236
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.6
125 16.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#92
Benzo(g,h,i)perylene
Concen: 2.842 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.029 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:276 Resp: 33462
Ion Ratio Lower Upper
276 100
277 26.7 19.1 28.7
138 25.4 18.0 27.0

