

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129672.D
 Acq On : 09 Aug 2022 18:18
 Operator : CG\JU
 Sample : N3962-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-198

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:32:37 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	6.839	152	197935	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	777479	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	384350	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	560642	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	330384	20.000	ng	-0.01
86) Perylene-d12	15.492	264	334462	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1247653	102.681	ng	0.00
7) Phenol-d6	6.492	99	1557607	101.986	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1001294	70.303	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	364955	98.764	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1727265	69.520	ng	-0.01
79) Terphenyl-d14	12.957	244	1295499	73.976	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	165146	5.396	ng	97
75) Fluoranthene	12.586	202	178481	5.756	ng	99
78) Pyrene	12.816	202	253921	9.191	ng	98
81) Benzo(a)anthracene	14.004	228	99660m	4.416	ng	
83) Chrysene	14.039	228	103602	4.871	ng	99
88) Benzo(b)fluoranthene	15.057	252	120595m	5.436	ng	
90) Benzo(a)pyrene	15.427	252	92728	5.149	ng	98
92) Benzo(g,h,i)perylene	17.427	276	69023	3.685	ng	98

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

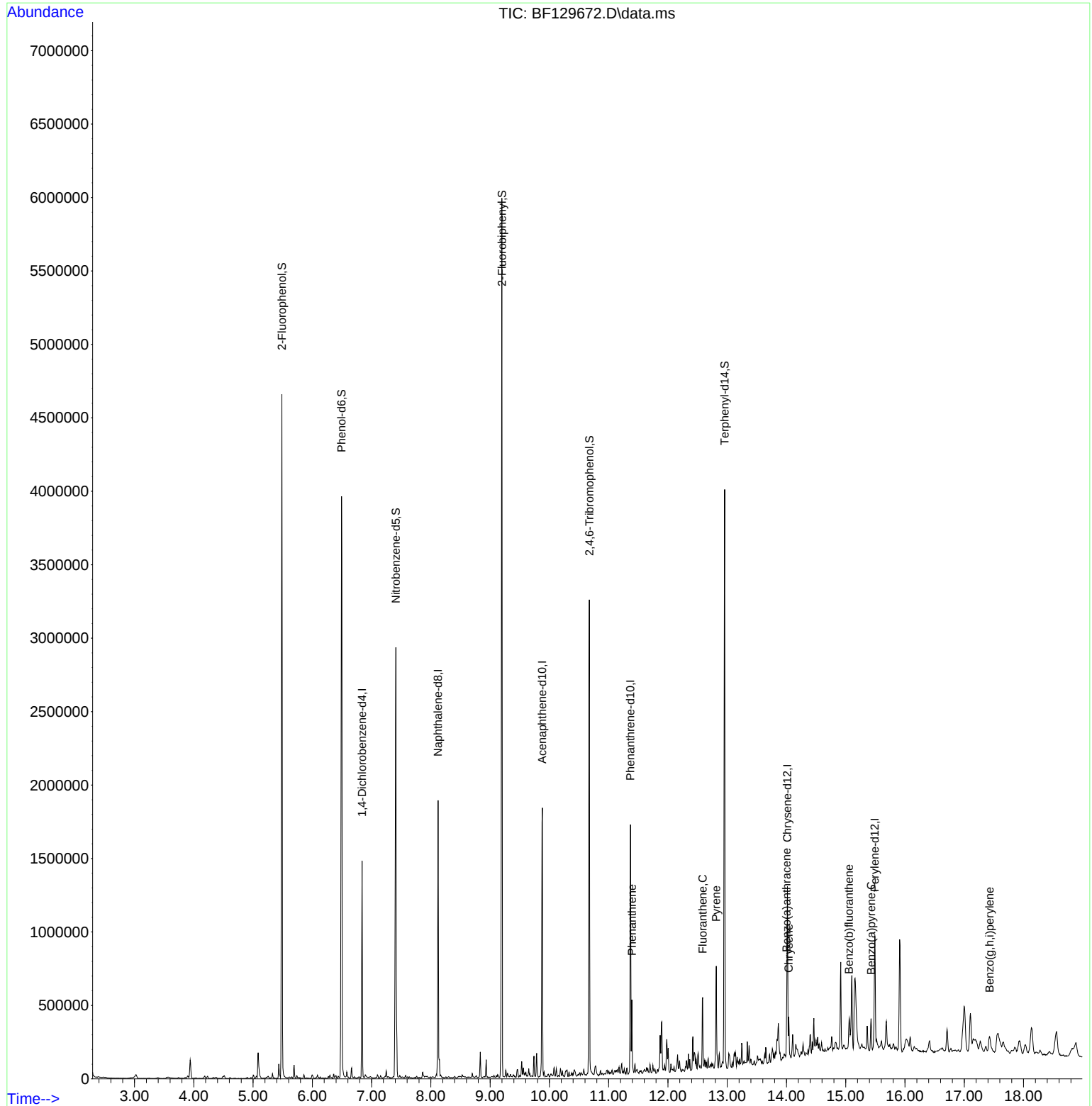
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
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ALS Vial : 6 Sample Multiplier: 1

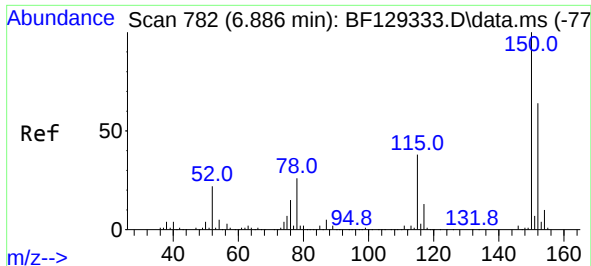
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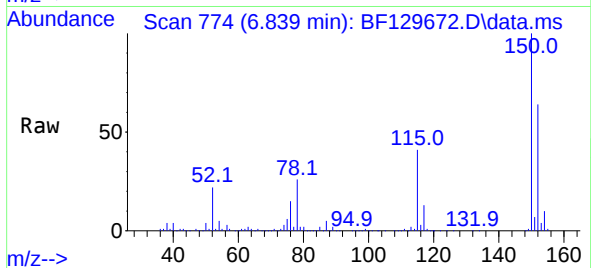
Quant Time: Aug 10 05:32:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

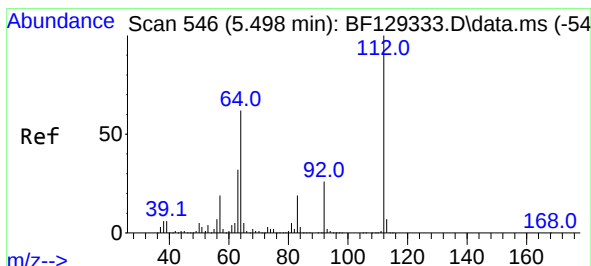
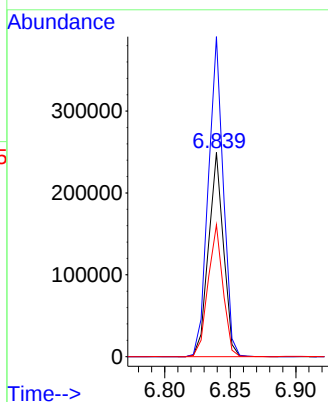
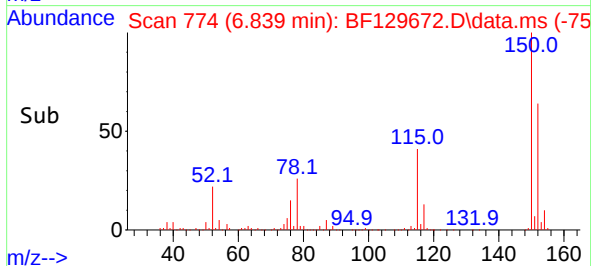
Instrument :
BNA_F
ClientSampleId :
RVE-198



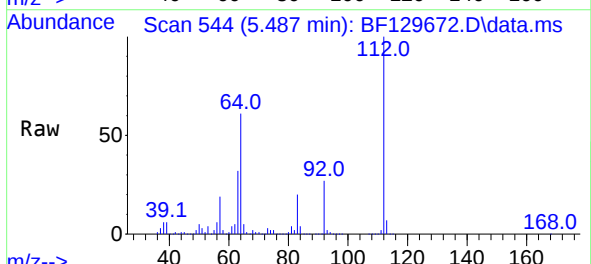
Tgt Ion:152 Resp: 197938
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 64.6 49.9 74.9

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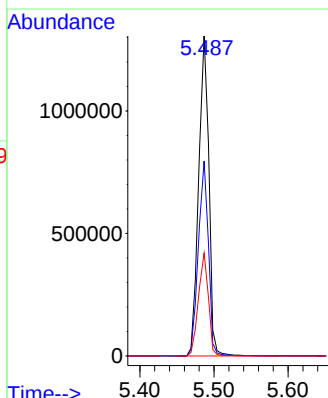
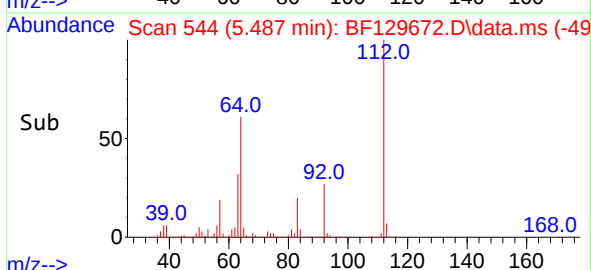
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

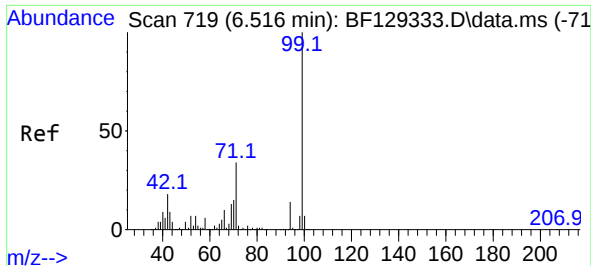


#5
2-Fluorophenol
Concen: 102.681 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



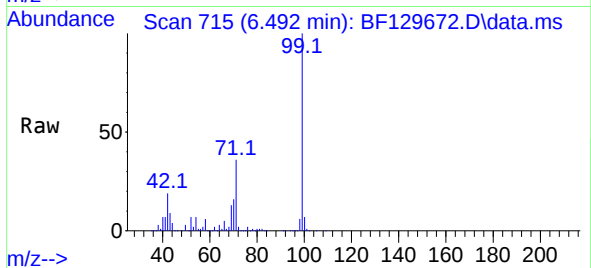
Tgt Ion:112 Resp: 1247653
Ion Ratio Lower Upper
112 100
64 60.9 53.3 79.9
63 32.2 28.0 42.0





#7
Phenol-d6
Concen: 101.986 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

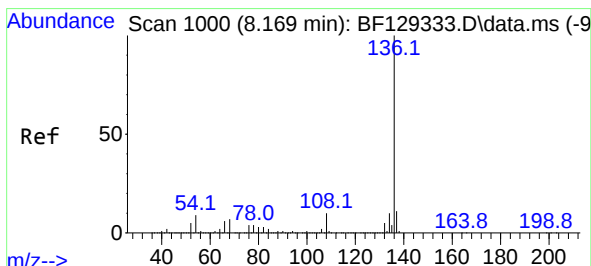
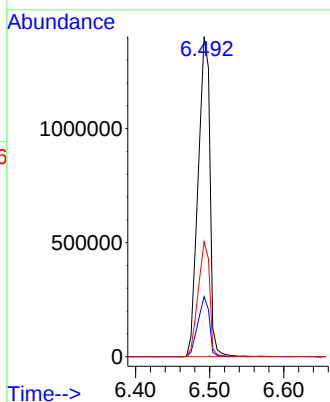
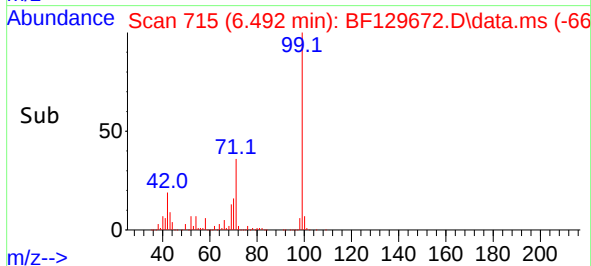
Instrument :
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ClientSampleId :
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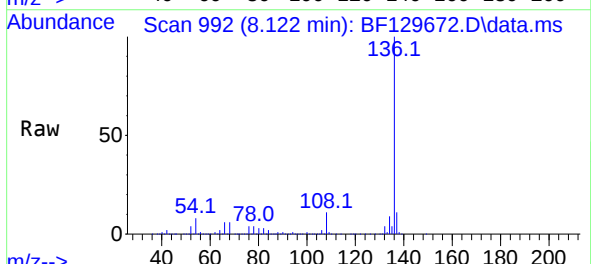
Tgt Ion: 99 Resp: 155760
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.0 28.9 43.3

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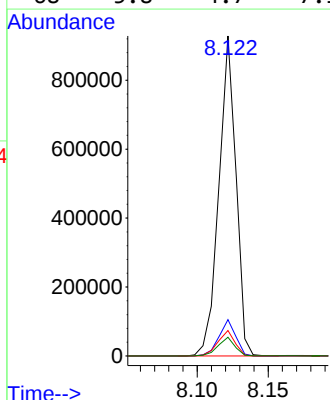
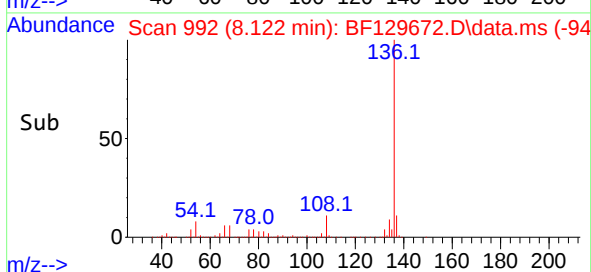
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

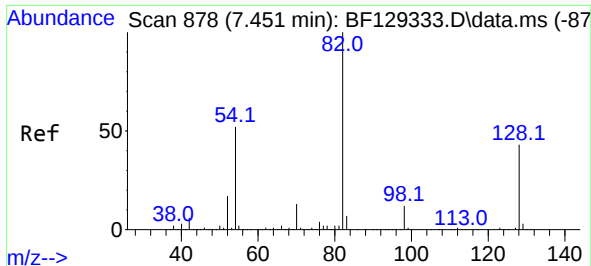


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



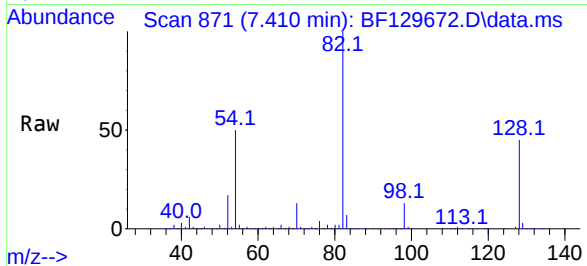
Tgt Ion:136 Resp: 777479
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 70.303 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

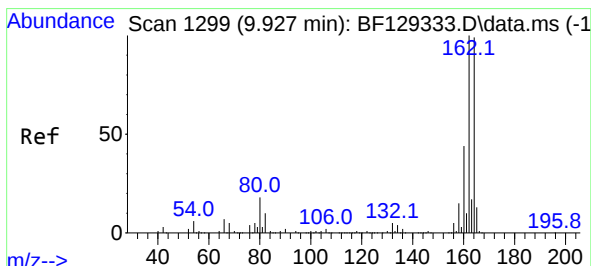
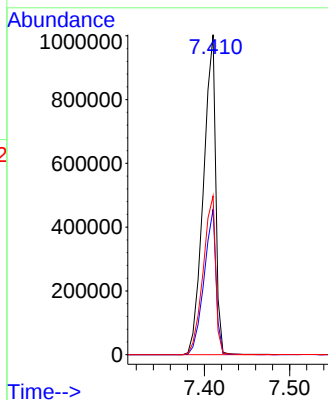
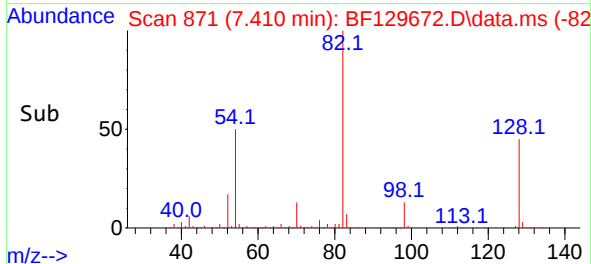
Instrument :
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ClientSampleId :
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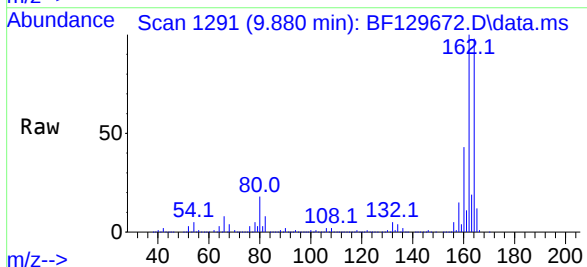
Tgt Ion: 82 Resp: 1001294
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 49.6 46.9 70.3

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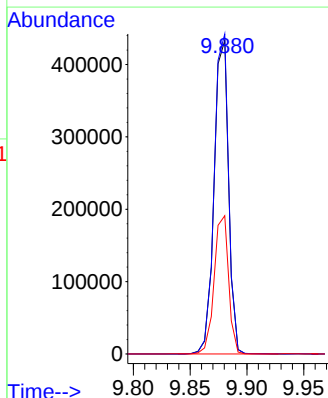
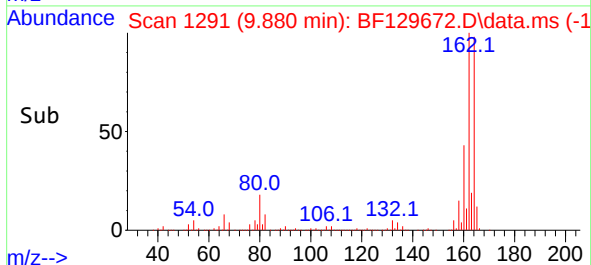
Reviewed By :Christian Giraldo 08/10/2022
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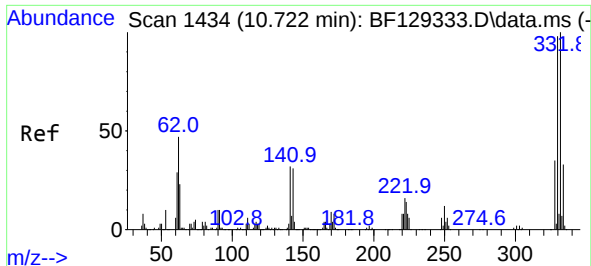


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



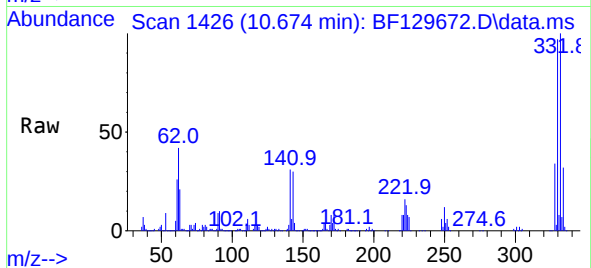
Tgt Ion:164 Resp: 384350
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 98.764 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

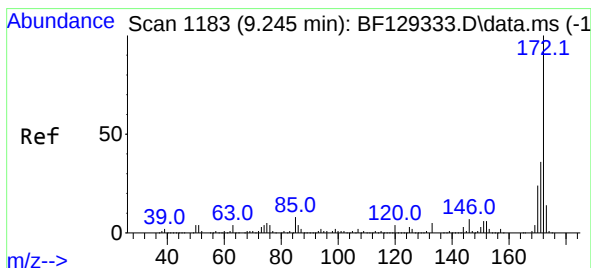
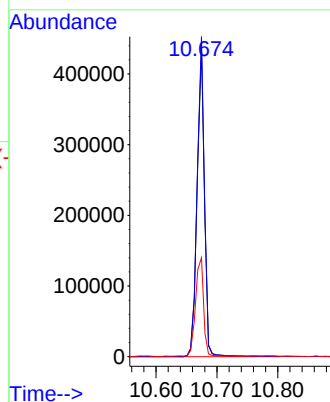
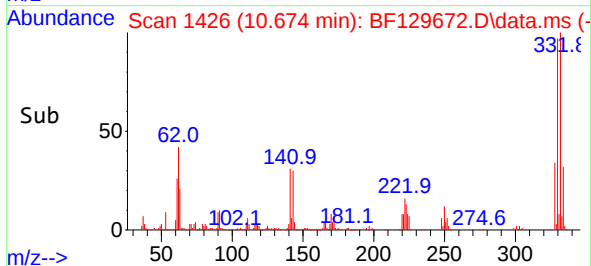
Instrument :
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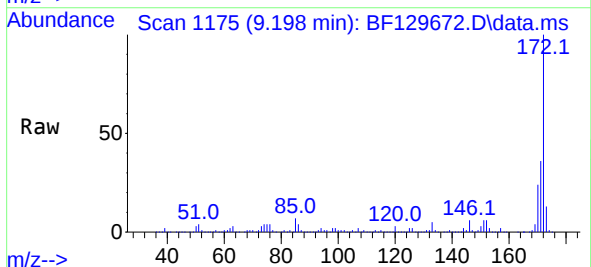
Tgt Ion:330 Resp: 364958
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.8 28.0 42.0

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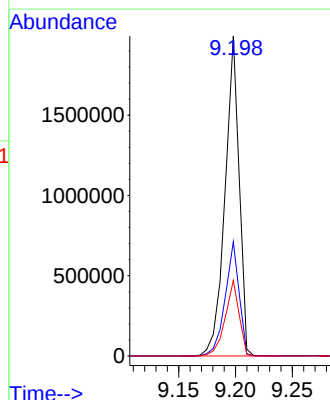
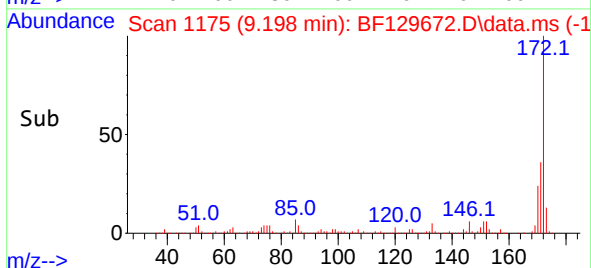
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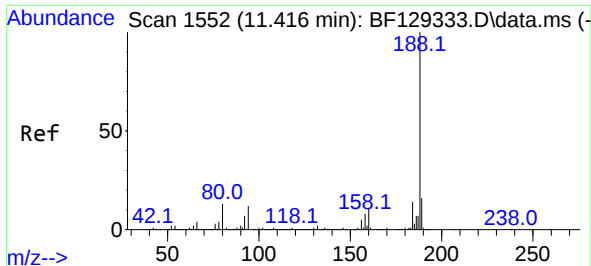


#45
2-Fluorobiphenyl
Concen: 69.520 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



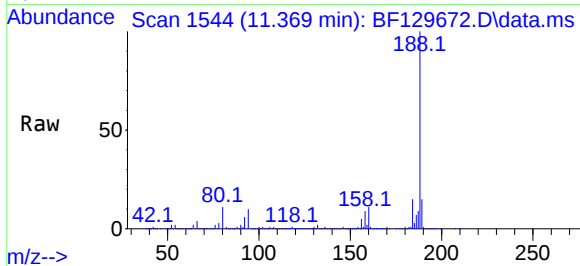
Tgt Ion:172 Resp: 1727265
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

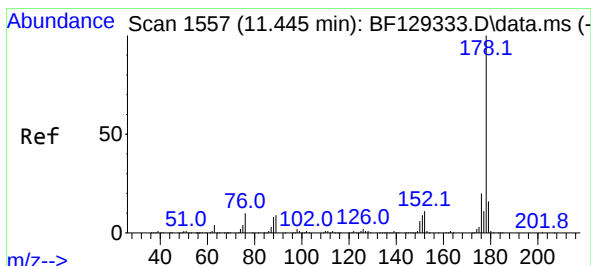
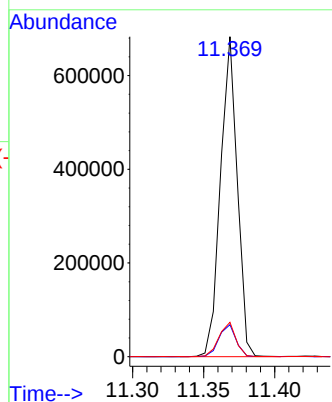
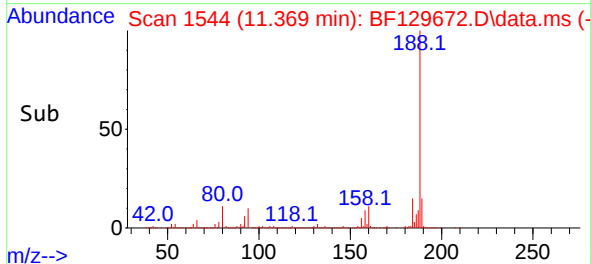
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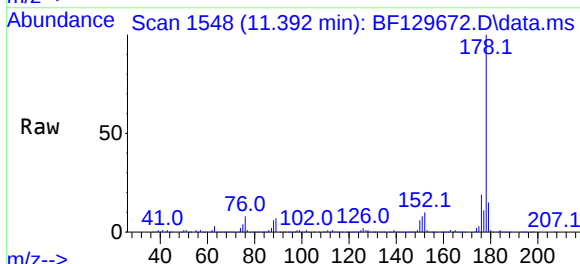
Tgt Ion:188 Resp: 56064
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.8 7.6 11.4

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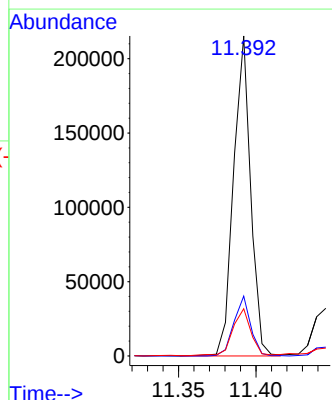
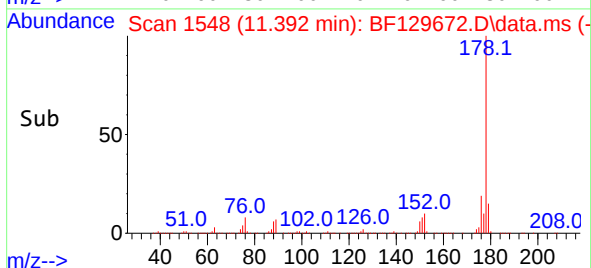
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

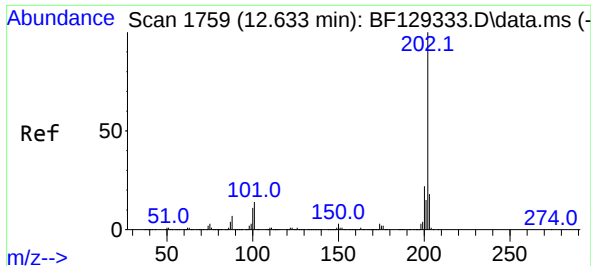


#71
Phenanthrene
Concen: 5.396 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



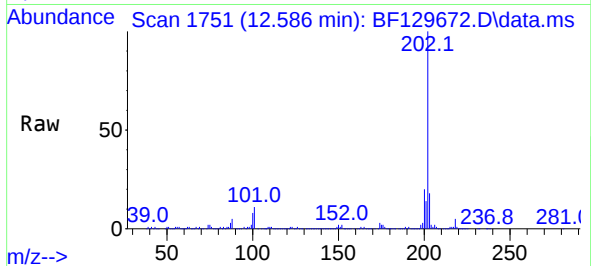
Tgt Ion:178 Resp: 165146
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.8 12.6 19.0





#75
Fluoranthene
Concen: 5.756 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

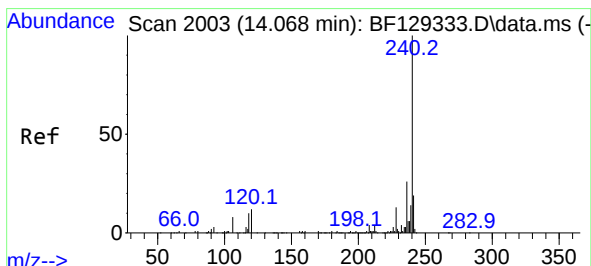
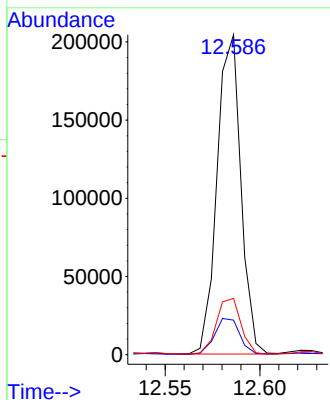
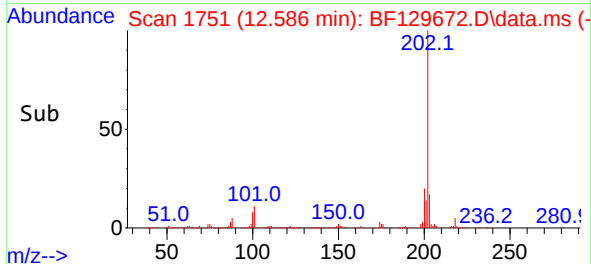
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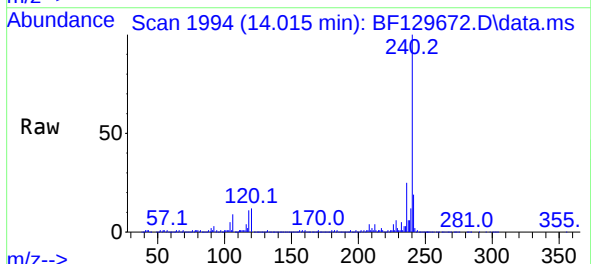
Tgt Ion:202 Resp: 17848
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
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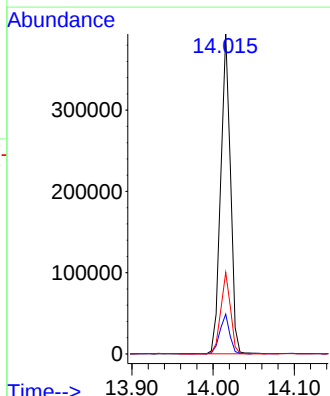
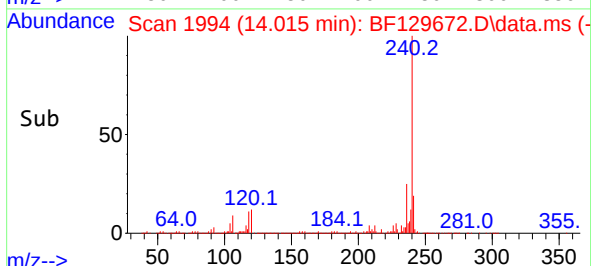
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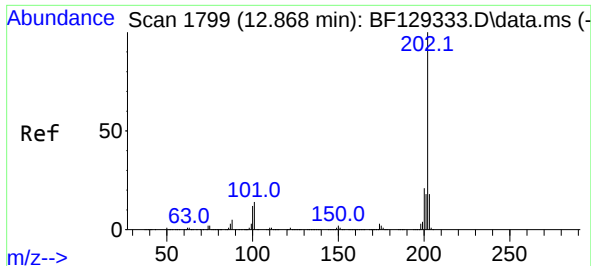


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



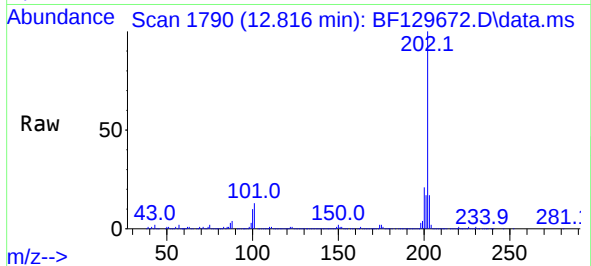
Tgt Ion:240 Resp: 330384
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.5 20.8 31.2





#78
Pyrene
Concen: 9.191 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

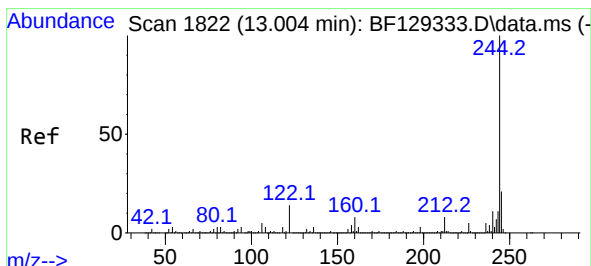
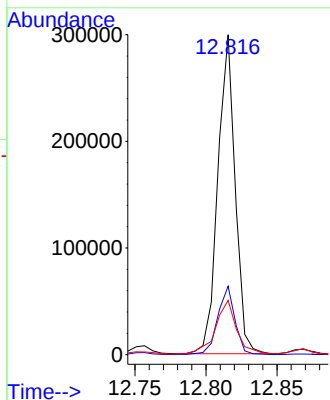
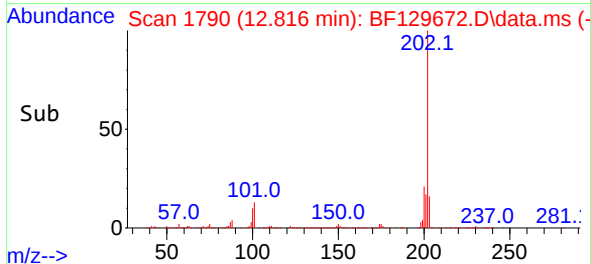
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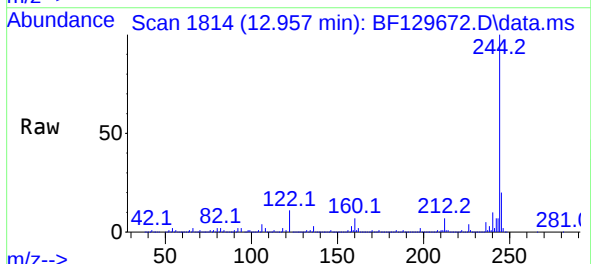
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Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.0 14.6 21.8

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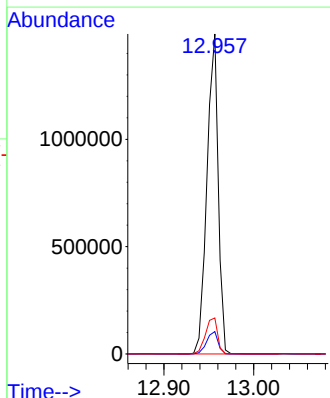
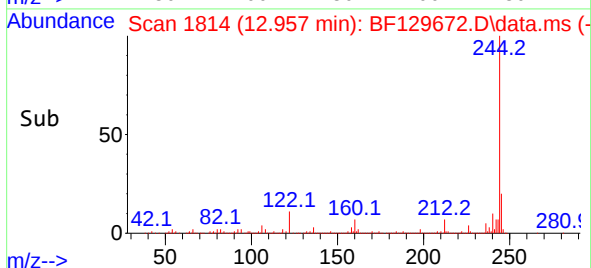
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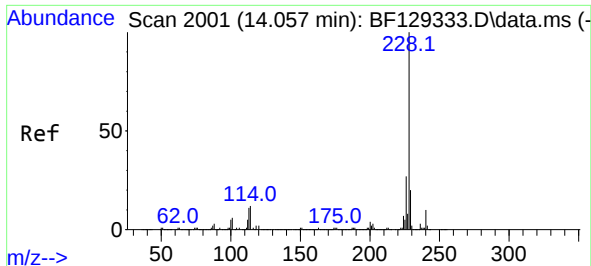


#79
Terphenyl-d14
Concen: 73.976 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



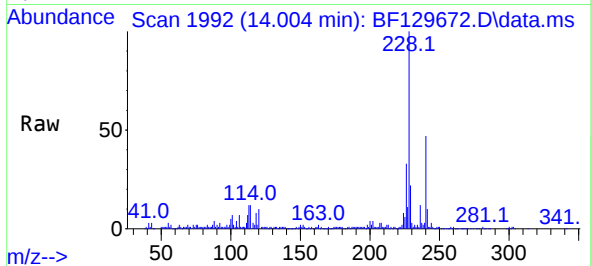
Tgt Ion:244 Resp: 1295499
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.416 ng m
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

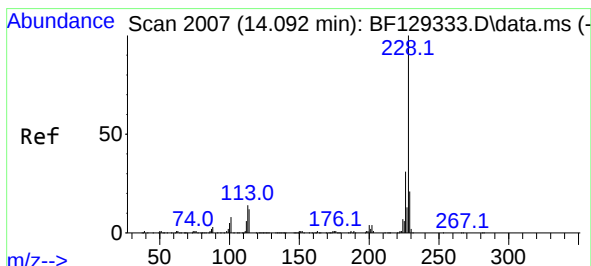
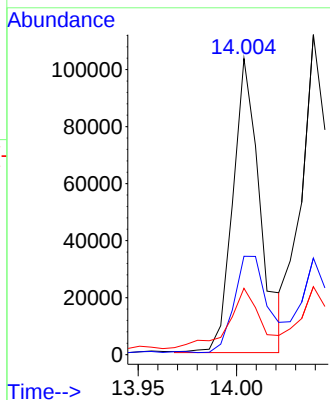
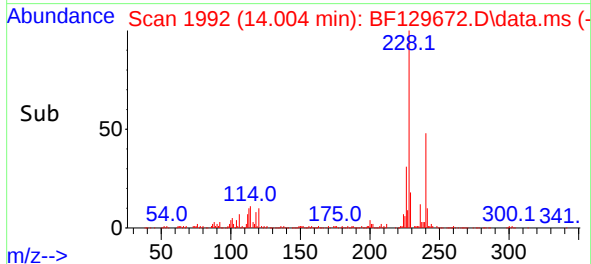
Instrument :
BNA_F
ClientSampleId :
RVE-198



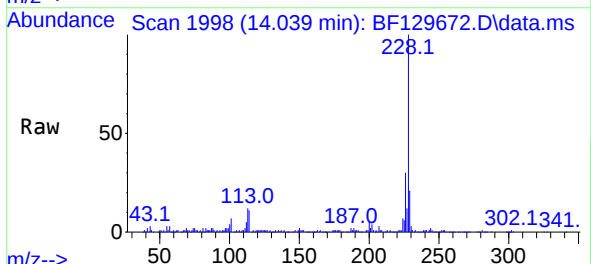
Tgt Ion:228 Resp: 99660
Ion Ratio Lower Upper
228 100
226 33.2 22.1 33.1
229 22.4 15.8 23.8

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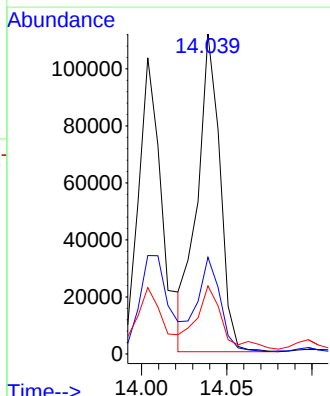
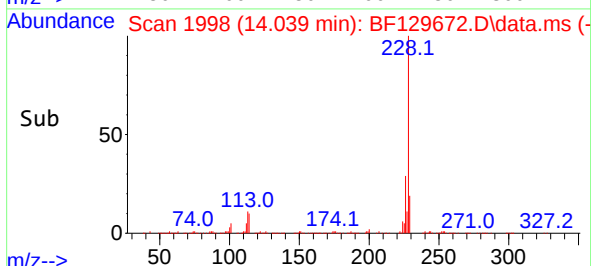
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

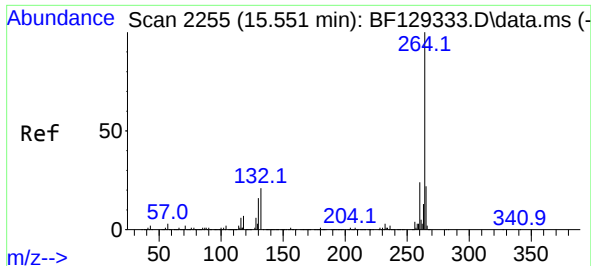


#83
Chrysene
Concen: 4.871 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



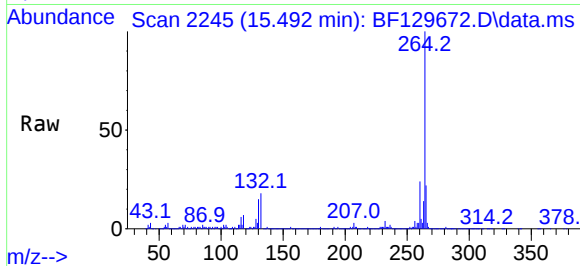
Tgt Ion:228 Resp: 103602
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

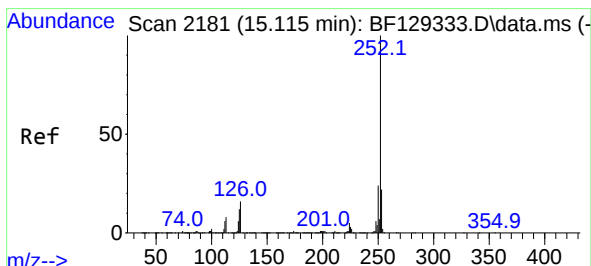
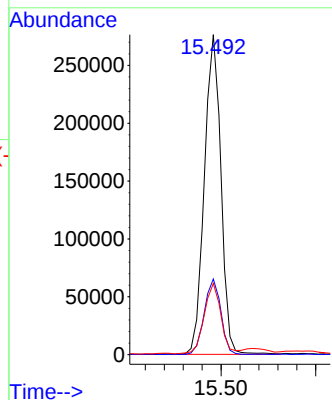
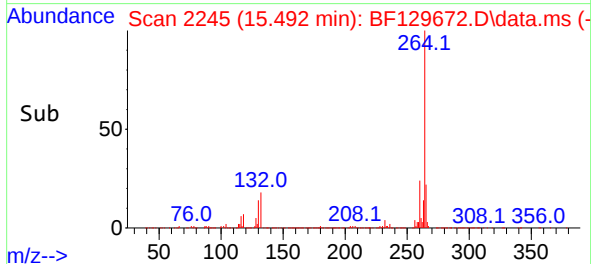
Instrument :
BNA_F
ClientSampleId :
RVE-198



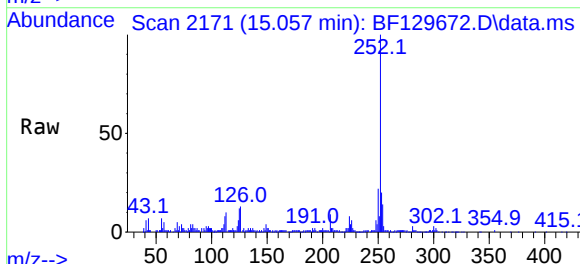
Tgt Ion:264 Resp: 334462
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.2 25.8

Manual Integrations
APPROVED

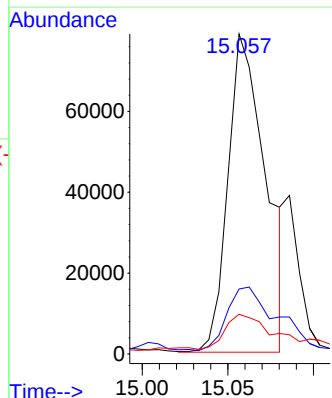
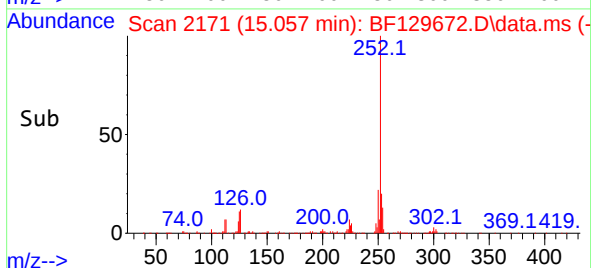
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

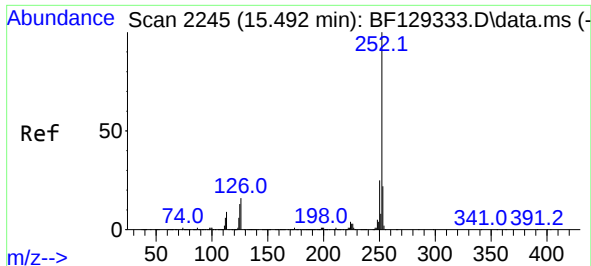


#88
Benzo(b)fluoranthene
Concen: 5.436 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18



Tgt Ion:252 Resp: 120595
Ion Ratio Lower Upper
252 100
253 20.3 17.7 26.5
125 12.4 8.0 12.0#





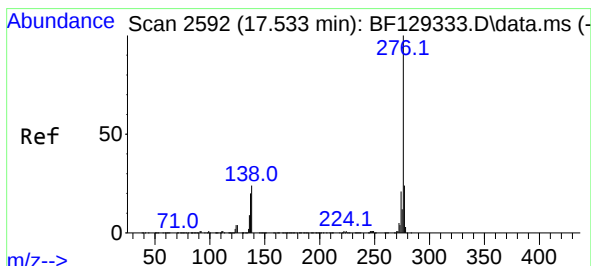
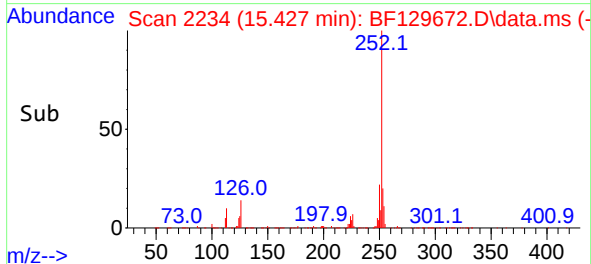
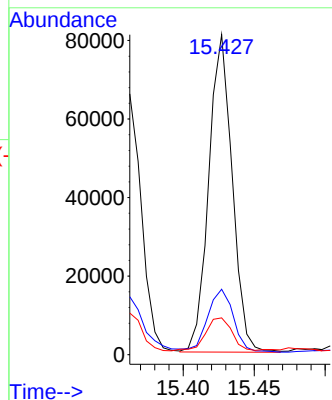
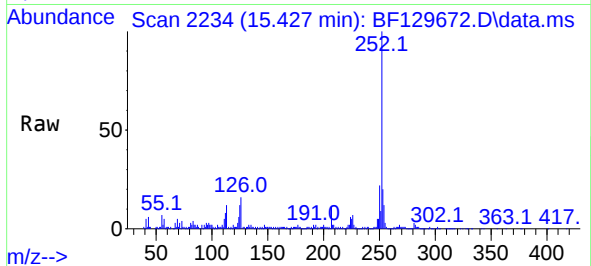
#90
Benzo(a)pyrene
Concen: 5.149 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Instrument :
BNA_F
ClientSampleId :
RVE-198

Tgt Ion:252 Resp: 92728
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.6
125 11.5 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: 3.685 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion:276 Resp: 69023
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 21.1 18.0 27.0

