

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129648.D
 Acq On : 09 Aug 2022 00:30
 Operator : CG\JU
 Sample : N3962-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-202

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 01:24:26 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	172226	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	663177	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	313299	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	401094	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	288918	20.000	ng	-0.01
86) Perylene-d12	15.492	264	240489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	939398	88.853	ng	0.00
7) Phenol-d6	6.492	99	1162811	87.502	ng	-0.01
23) Nitrobenzene-d5	7.404	82	758404	62.427	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	226398	75.162	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1339755	66.152	ng	-0.01
79) Terphenyl-d14	12.951	244	873018	57.006	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	58140	2.655	ng	97
75) Fluoranthene	12.586	202	91267	4.114	ng	97
78) Pyrene	12.816	202	108158	4.477	ng	97
81) Benzo(a)anthracene	14.004	228	55426	2.808	ng	91
83) Chrysene	14.039	228	61042	3.282	ng	96
88) Benzo(b)fluoranthene	15.057	252	72240m	4.528	ng	
90) Benzo(a)pyrene	15.427	252	46685	3.605	ng	# 95

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

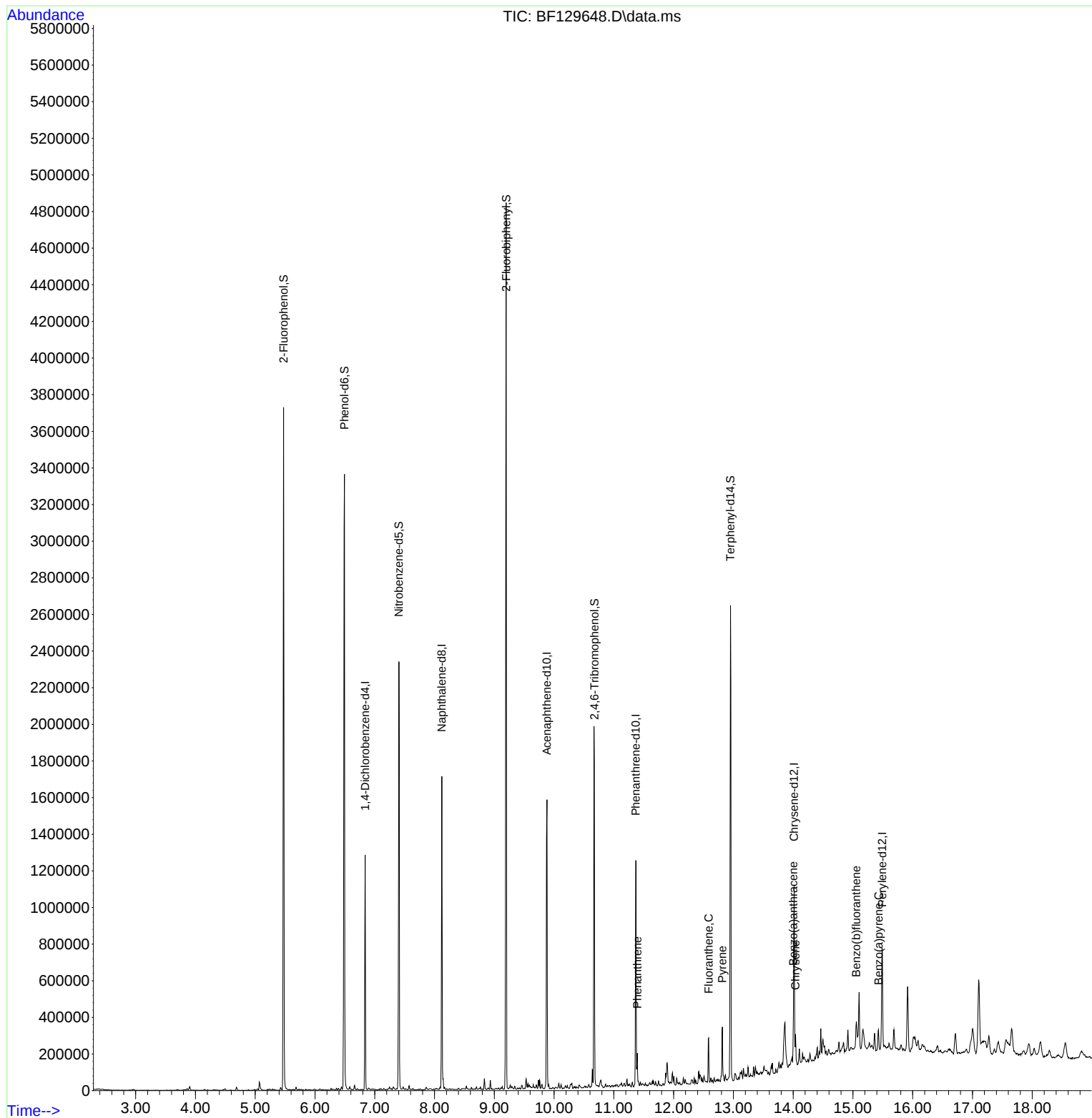
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129648.D
Acq On : 09 Aug 2022 00:30
Operator : CG\JU
Sample : N3962-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

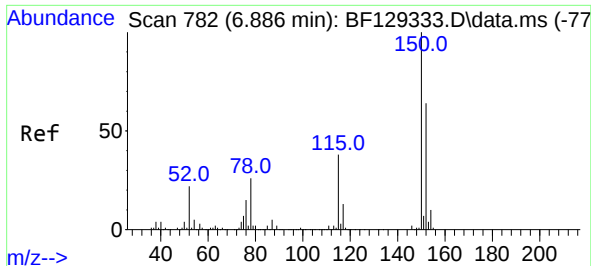
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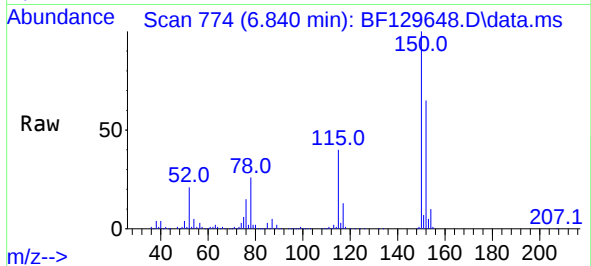
Quant Time: Aug 09 01:24:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

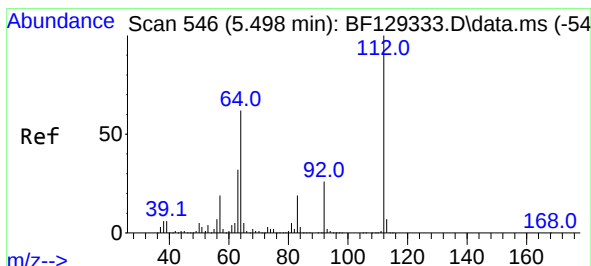
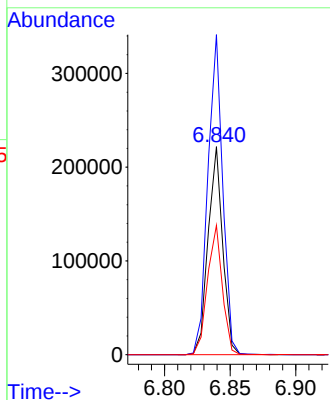
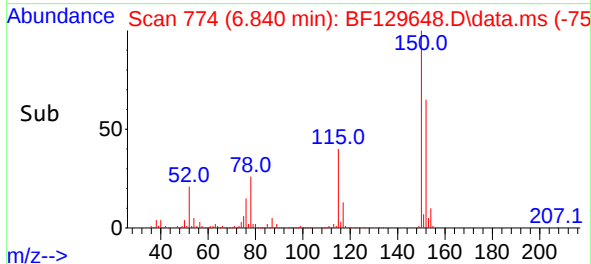
Instrument :
BNA_F
ClientSampleId :
RVE-202



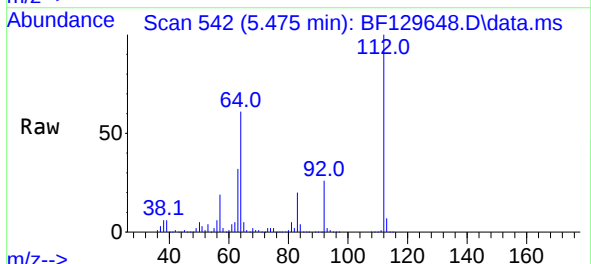
Tgt Ion:152 Resp: 172220
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 62.2 49.9 74.9

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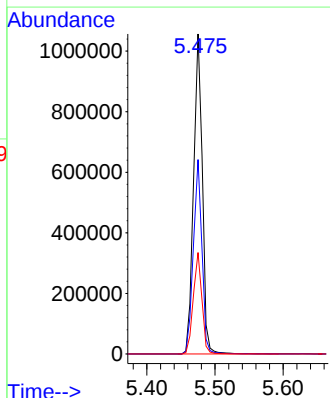
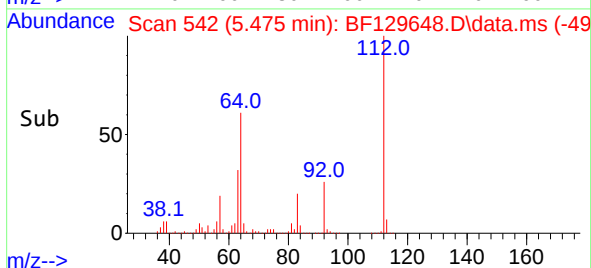
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

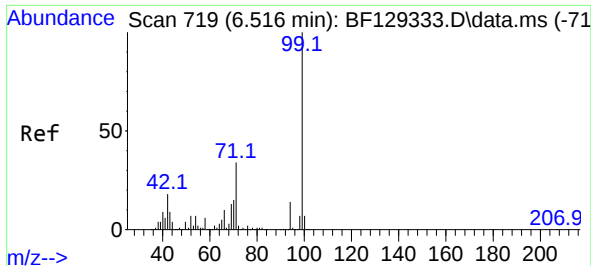


#5
2-Fluorophenol
Concen: 88.853 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



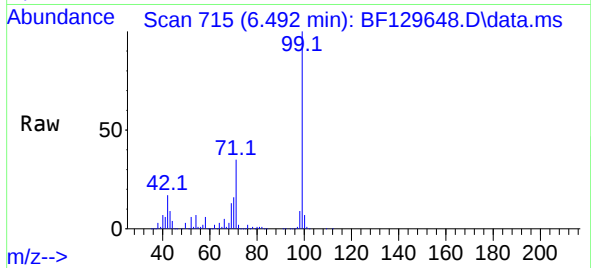
Tgt Ion:112 Resp: 939398
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 31.7 28.0 42.0





#7
Phenol-d6
Concen: 87.502 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

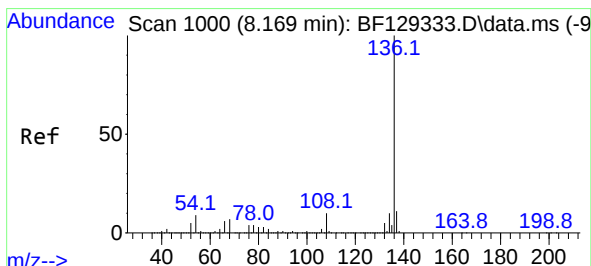
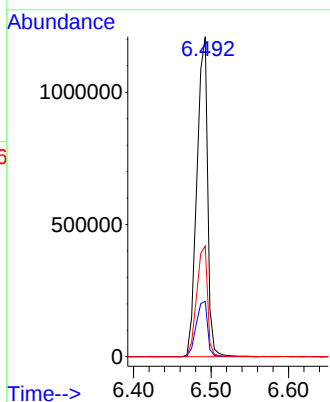
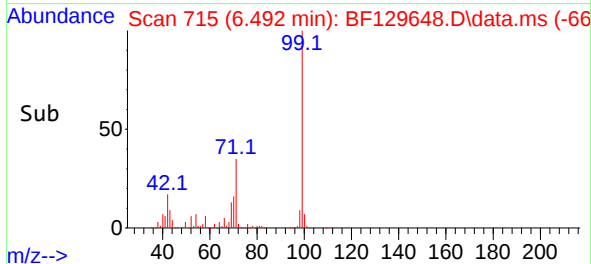
Instrument :
BNA_F
ClientSampleId :
RVE-202



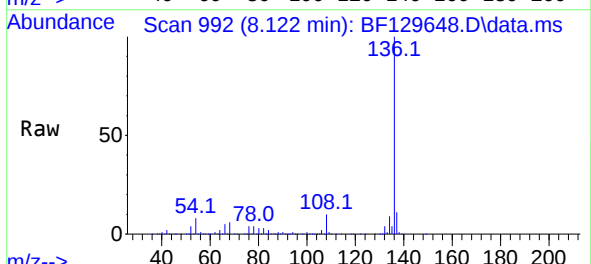
Tgt Ion: 99 Resp: 116281
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 34.6 28.9 43.3

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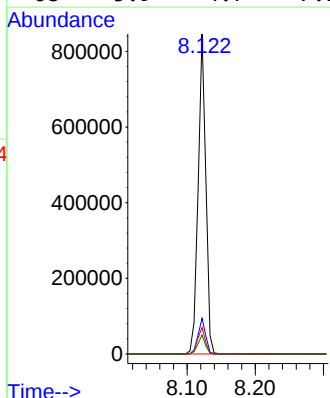
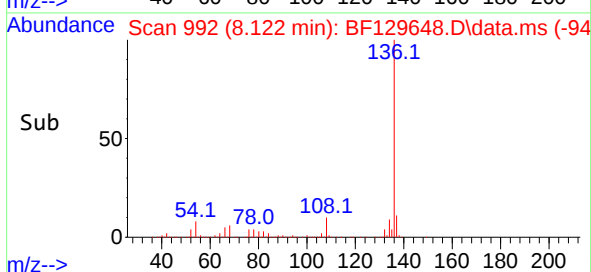
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

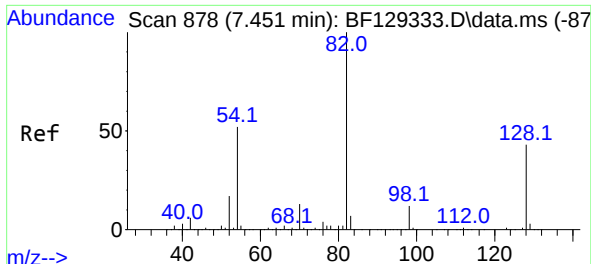


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



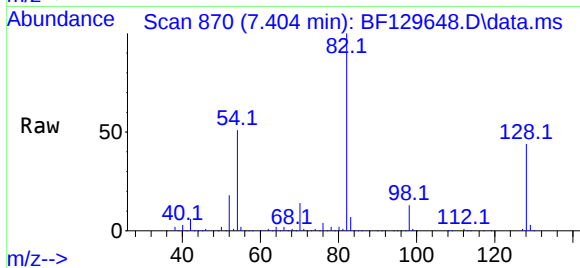
Tgt Ion:136 Resp: 663177
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 62.427 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

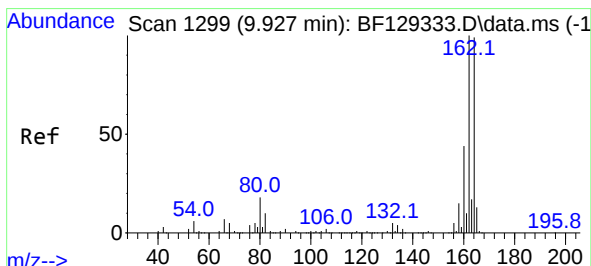
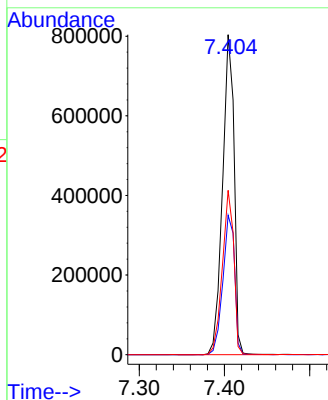
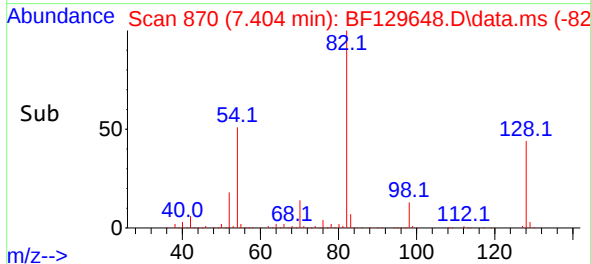
Instrument :
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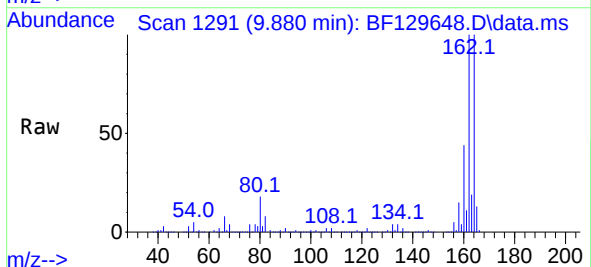
Tgt Ion: 82 Resp: 758404
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 51.3 46.9 70.3

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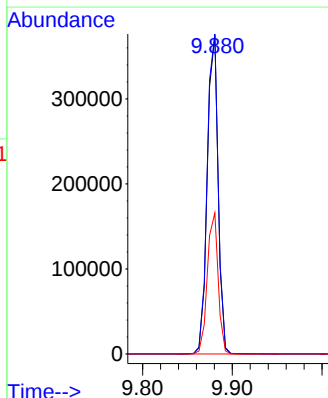
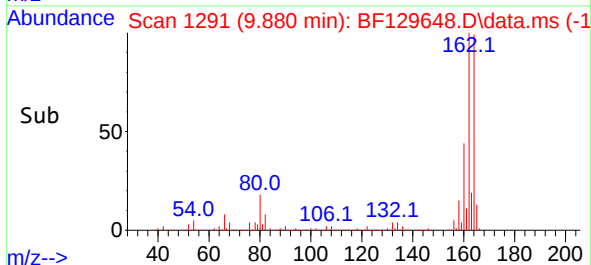
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

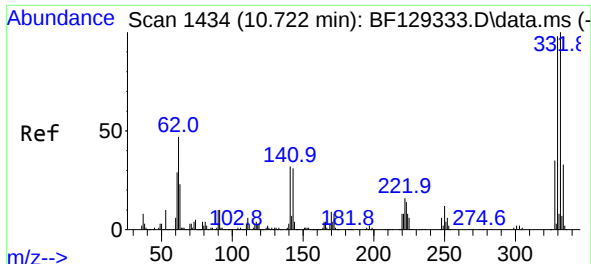


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



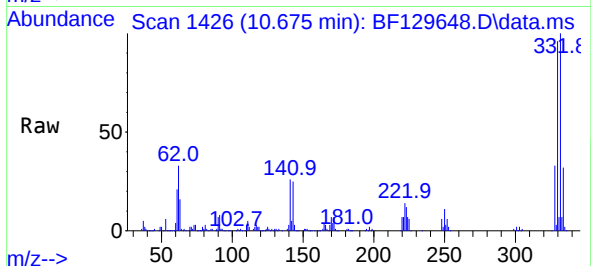
Tgt Ion:164 Resp: 313299
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 75.162 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

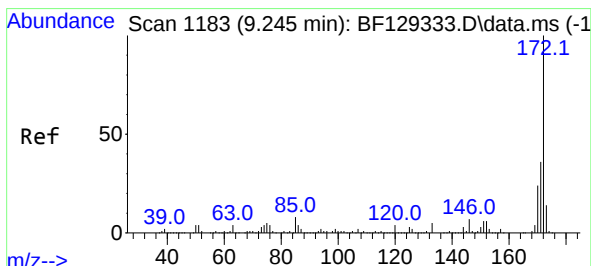
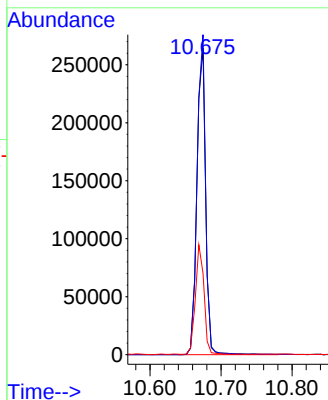
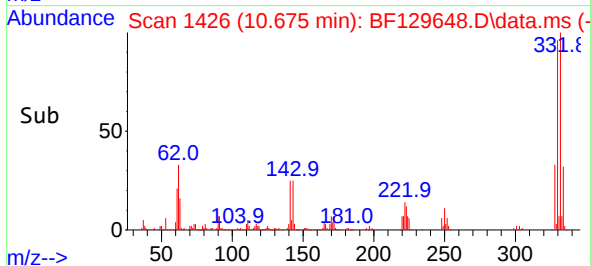
Instrument :
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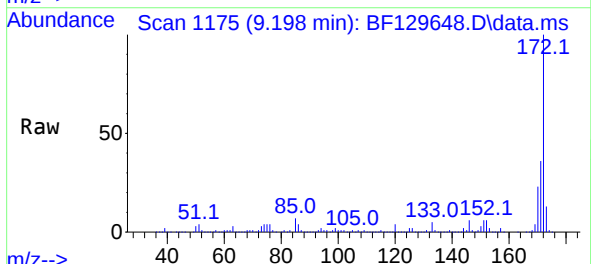
Tgt Ion: 330 Resp: 226398
Ion Ratio Lower Upper
330 100
332 101.9 76.8 115.2
141 35.1 28.0 42.0

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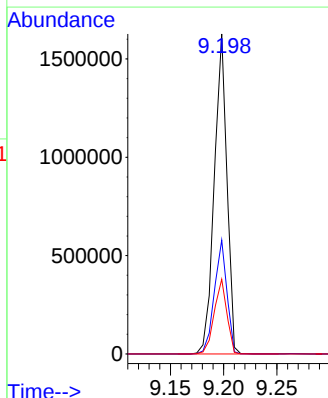
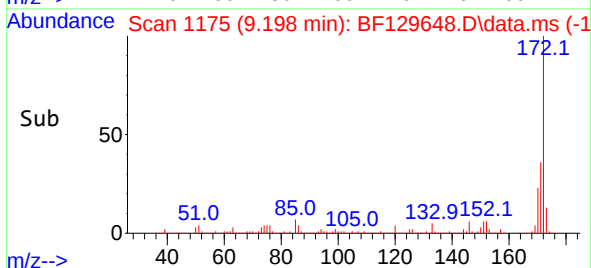
Reviewed By : Christian Giraldo 08/09/2022
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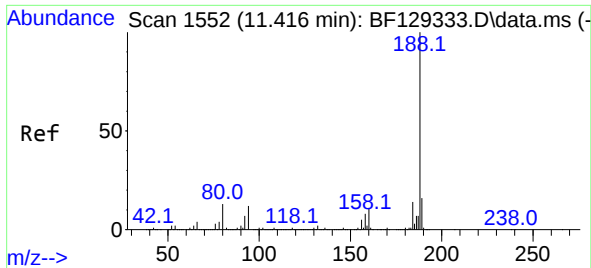


#45
2-Fluorobiphenyl
Concen: 66.152 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



Tgt Ion: 172 Resp: 1339755
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 19.8 29.8





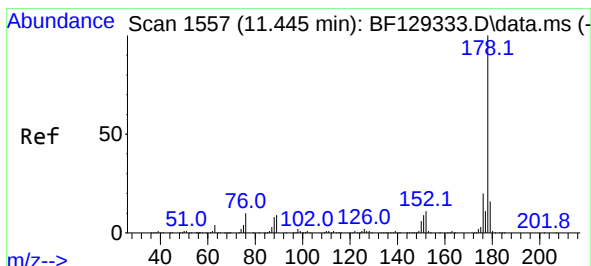
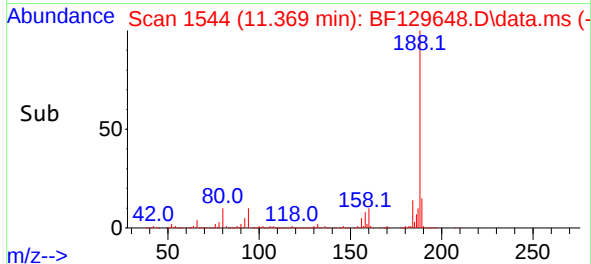
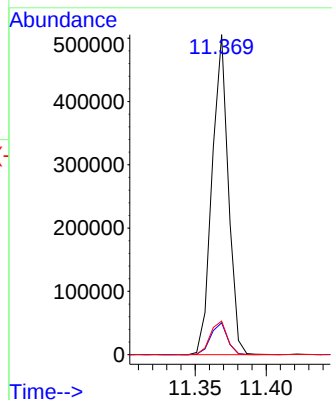
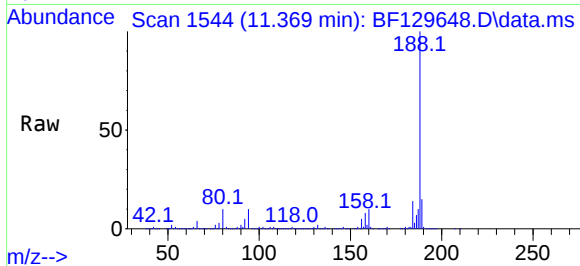
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Instrument :
BNA_F
ClientSampleId :
RVE-202

Tgt Ion:188 Resp: 401094
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.6 11.4

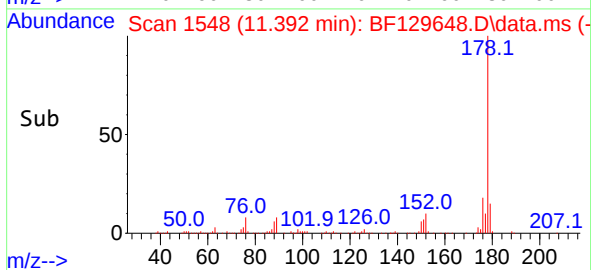
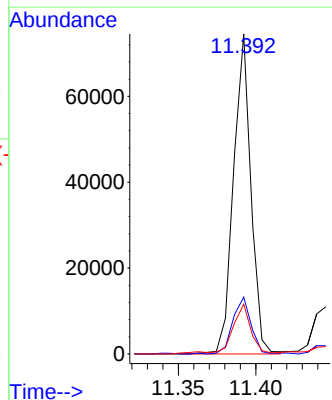
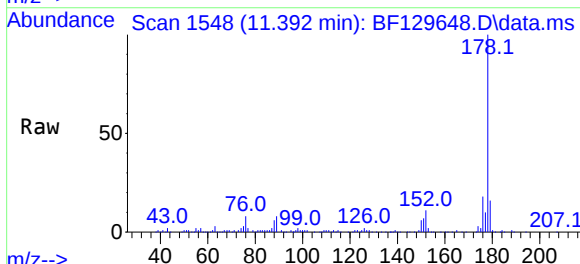
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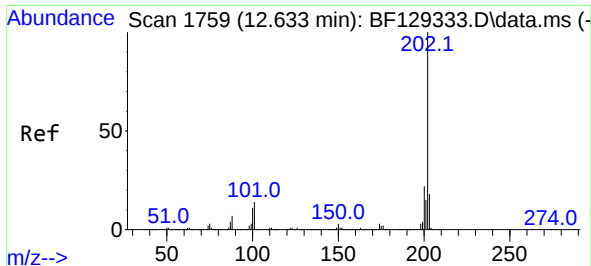
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#71
Phenanthrene
Concen: 2.655 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion:178 Resp: 58140
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 15.6 12.6 19.0





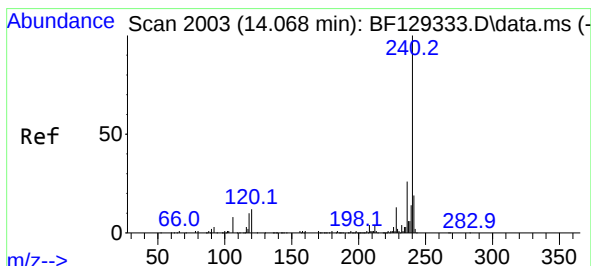
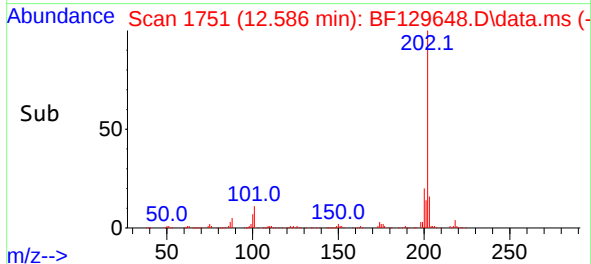
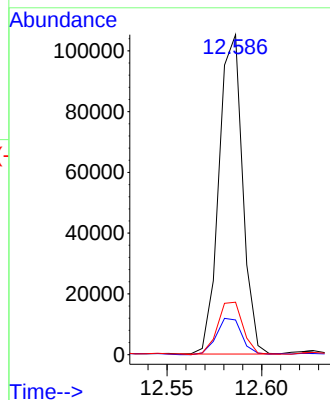
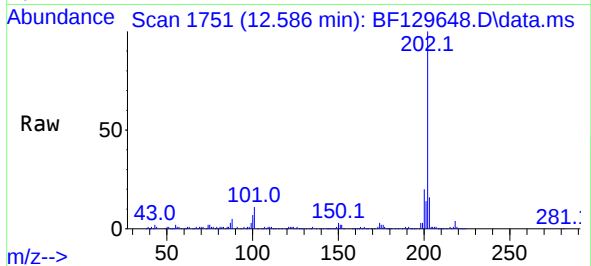
#75
Fluoranthene
Concen: 4.114 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Instrument :
BNA_F
ClientSampleId :
RVE-202

Tgt Ion:202 Resp: 9126
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 16.4 0.0 38.0

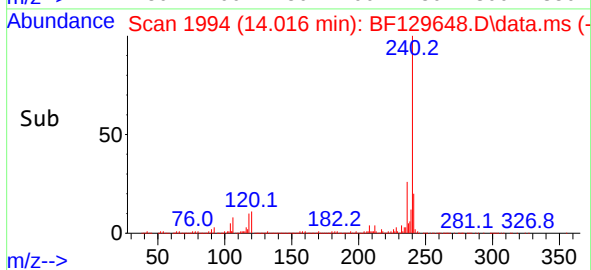
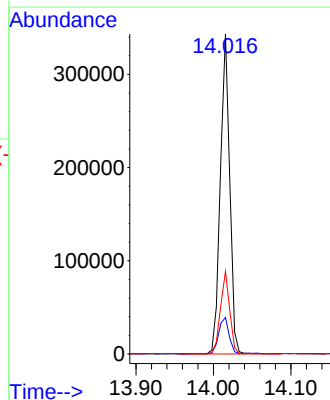
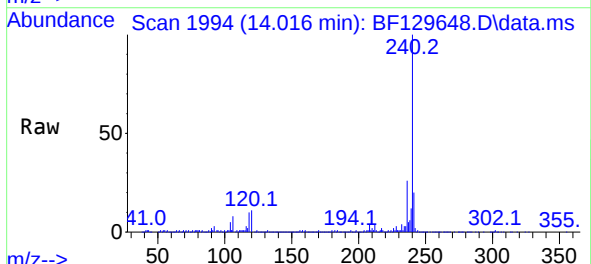
Manual Integrations
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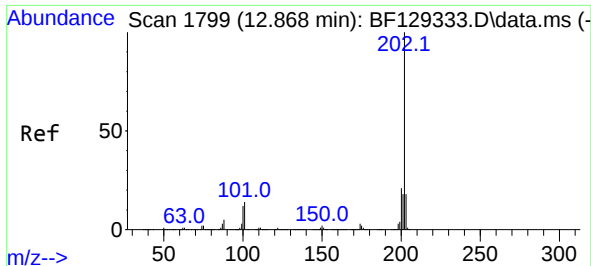
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

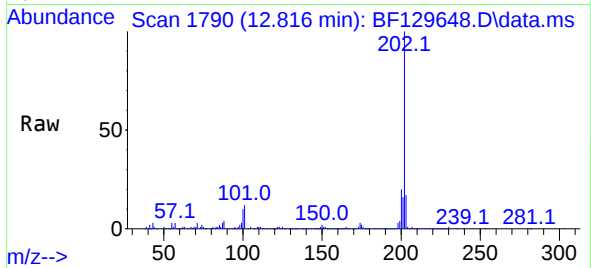
Tgt Ion:240 Resp: 288918
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 20.8 31.2





#78
Pyrene
Concen: 4.477 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

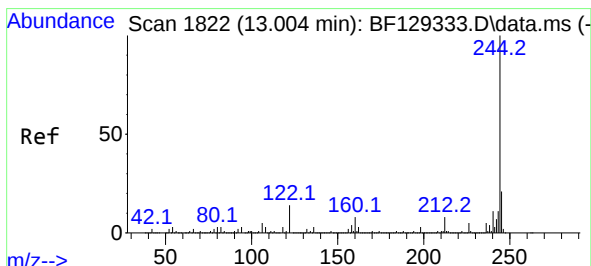
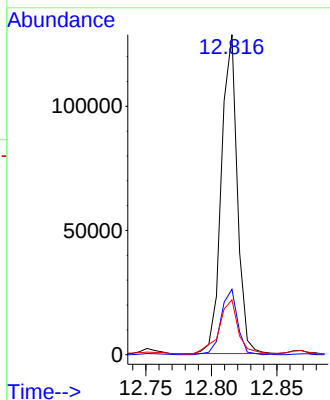
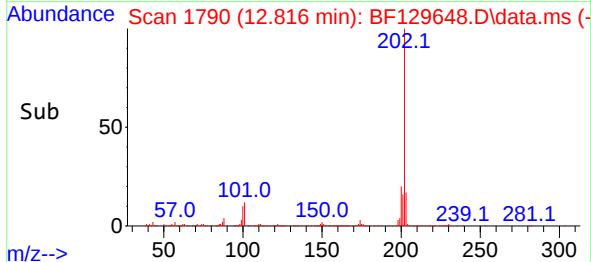
Instrument :
BNA_F
ClientSampleId :
RVE-202



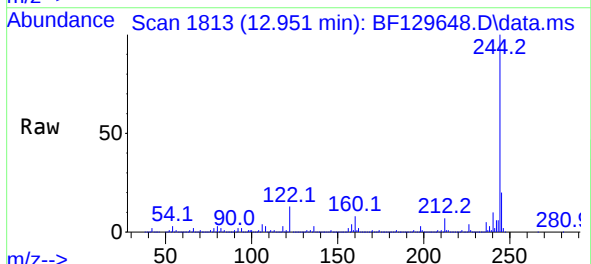
Tgt Ion:202 Resp: 10815
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.2 14.6 21.8

Manual Integrations
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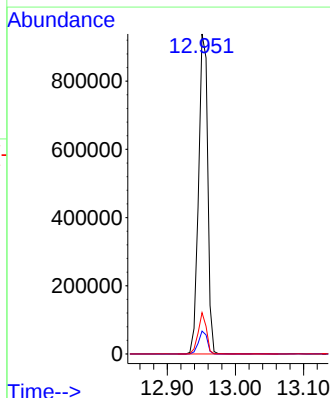
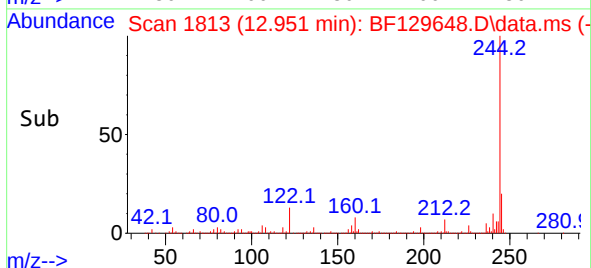
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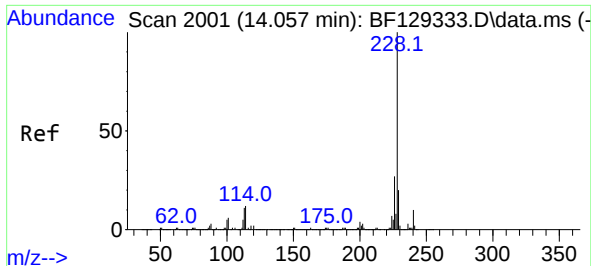


#79
Terphenyl-d14
Concen: 57.006 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



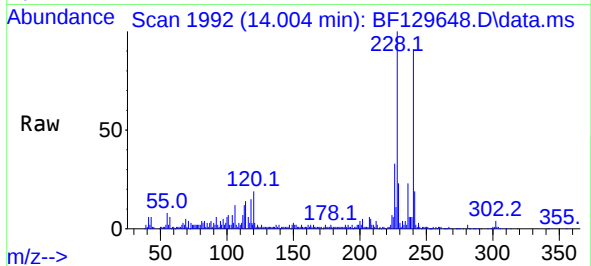
Tgt Ion:244 Resp: 873018
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.808 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

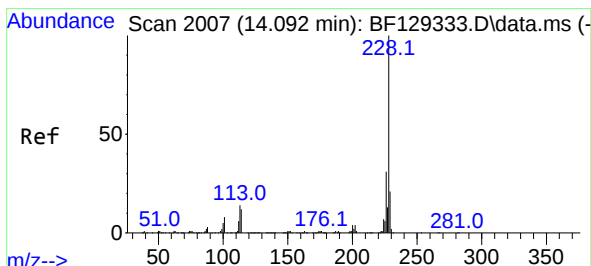
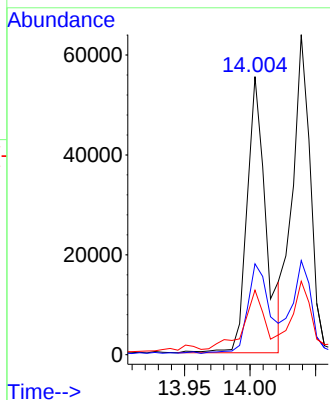
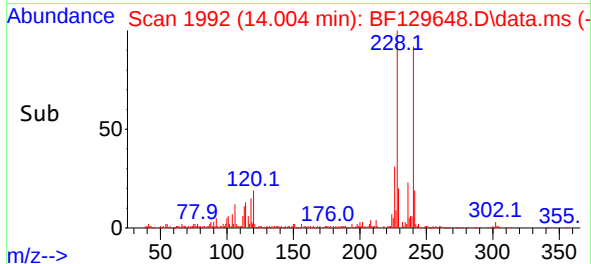
Instrument :
BNA_F
ClientSampleId :
RVE-202



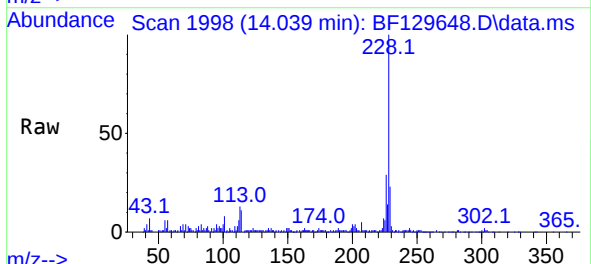
Tgt Ion:228 Resp: 55420
Ion Ratio Lower Upper
228 100
226 32.7 22.1 33.1
229 23.2 15.8 23.8

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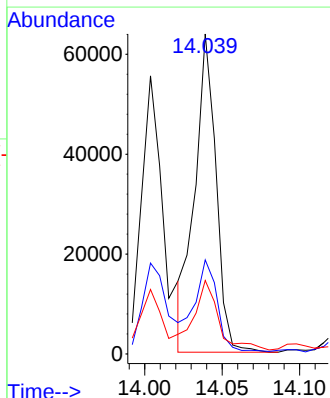
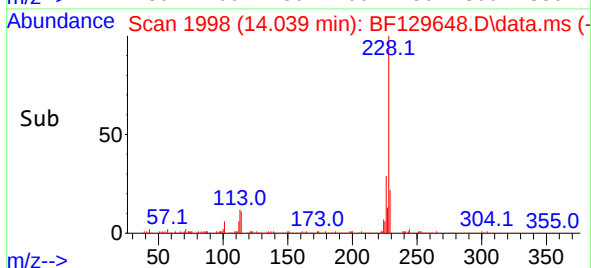
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

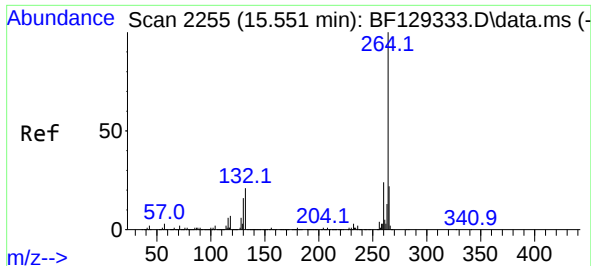


#83
Chrysene
Concen: 3.282 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30



Tgt Ion:228 Resp: 61042
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 22.9 15.9 23.9





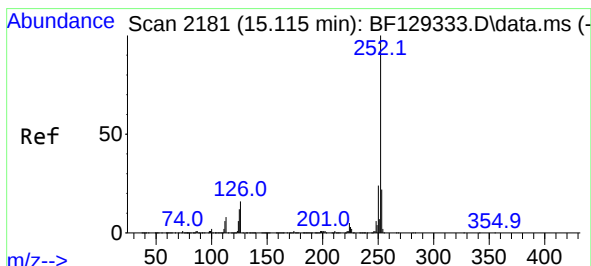
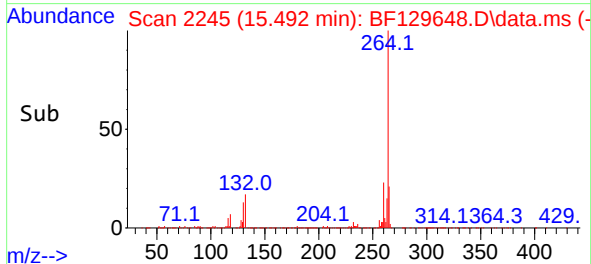
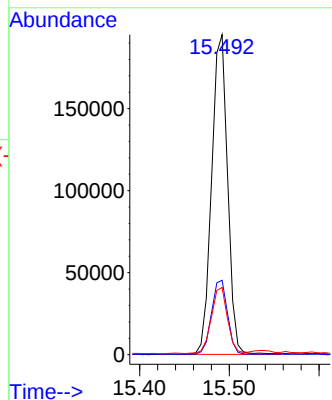
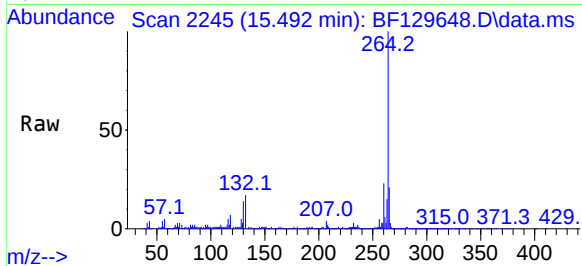
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Instrument :
BNA_F
ClientSampleId :
RVE-202

Tgt Ion:264 Resp: 240489
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.0 17.2 25.8

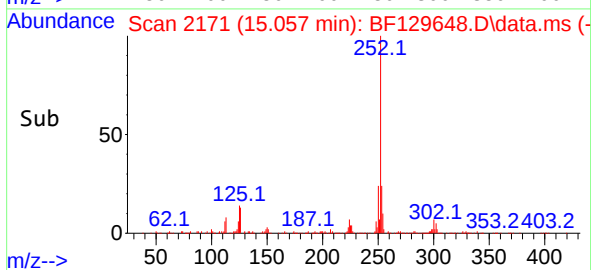
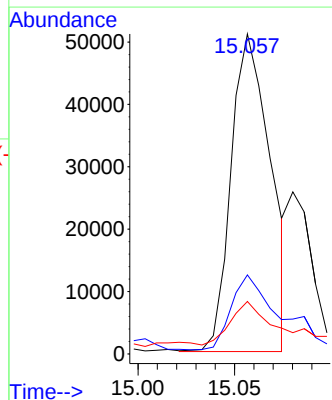
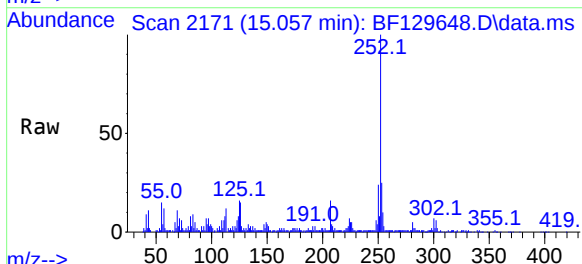
Manual Integrations
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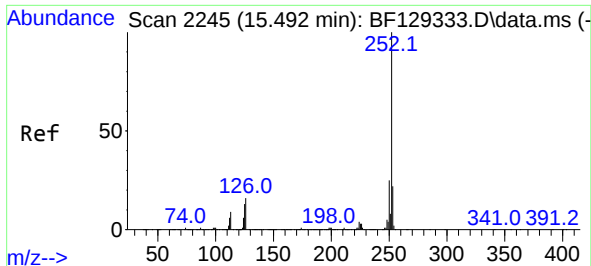
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#88
Benzo(b)fluoranthene
Concen: 4.528 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

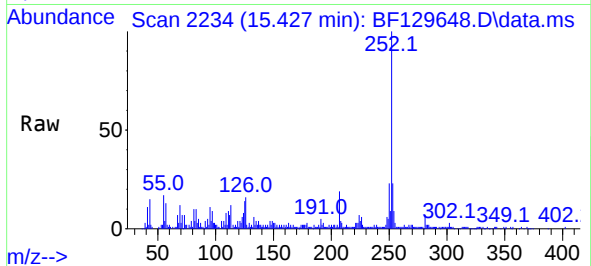
Tgt Ion:252 Resp: 72240
Ion Ratio Lower Upper
252 100
253 24.7 17.7 26.5
125 16.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.605 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Instrument :
BNA_F
ClientSampleId :
RVE-202



Tgt Ion:252 Resp: 46685
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 13.8 8.8 13.2

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

