

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129646.D
 Acq On : 08 Aug 2022 23:23
 Operator : CG\JU
 Sample : N3961-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-176

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 00:37:55 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	168591	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	671182	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	341458	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	467865	20.00	ng	-0.01
76) Chrysene-d12	14.015	240	294094	20.00	ng	-0.01
86) Perylene-d12	15.492	264	289109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1128406	109.03	ng	0.00
7) Phenol-d6	6.492	99	1412993	108.62	ng	-0.01
23) Nitrobenzene-d5	7.410	82	921479	74.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	339022	103.27	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1708611	77.41	ng	-0.01
79) Terphenyl-d14	12.957	244	1173368	75.27	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	73935	2.86	ng	97
78) Pyrene	12.816	202	83011	3.38	ng	97
88) Benzo(b)fluoranthene	15.057	252	58812m	3.07	ng	
90) Benzo(a)pyrene	15.427	252	35496	2.28	ng	# 90

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

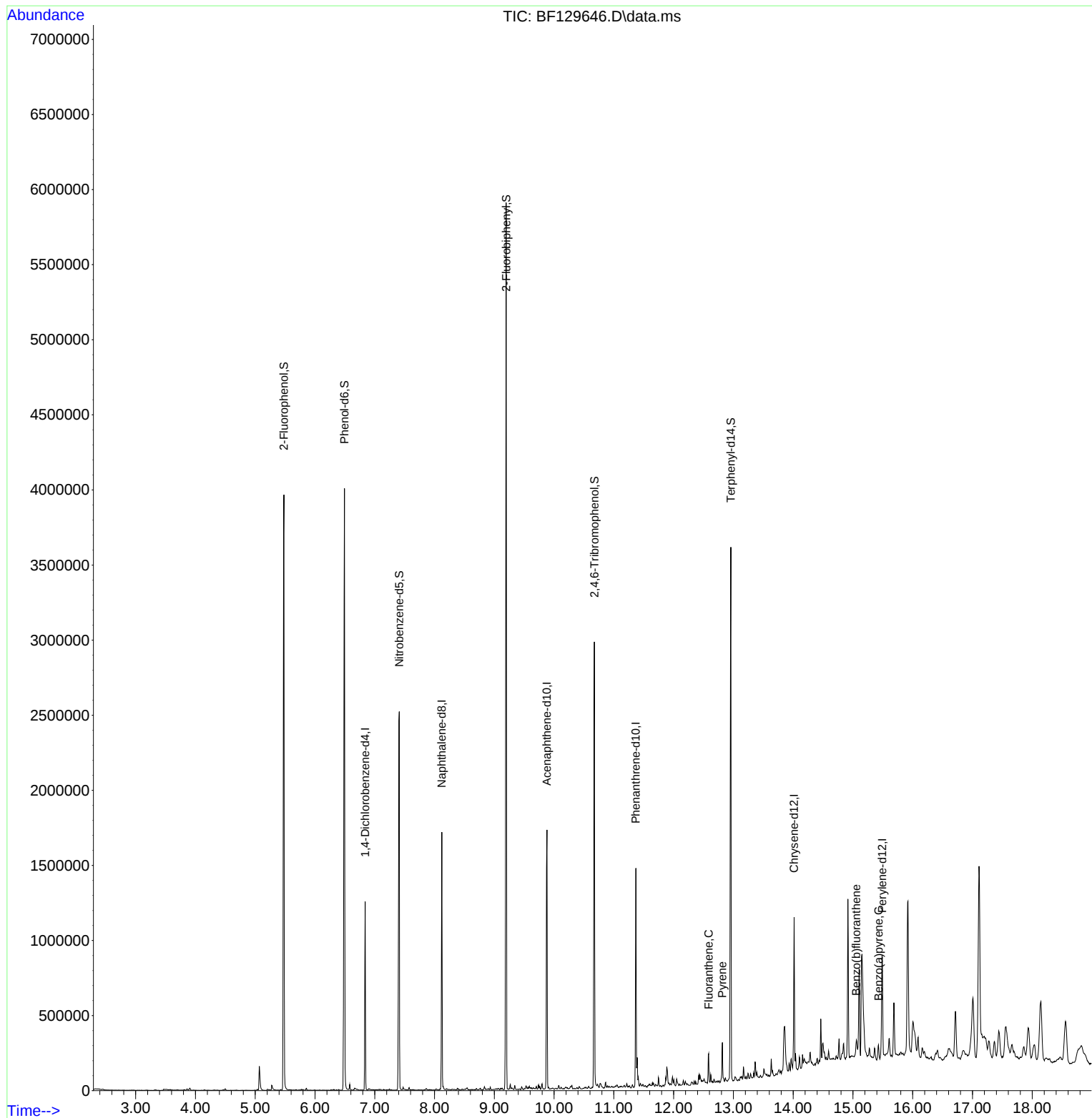
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129646.D
Acq On : 08 Aug 2022 23:23
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ALS Vial : 12 Sample Multiplier: 1

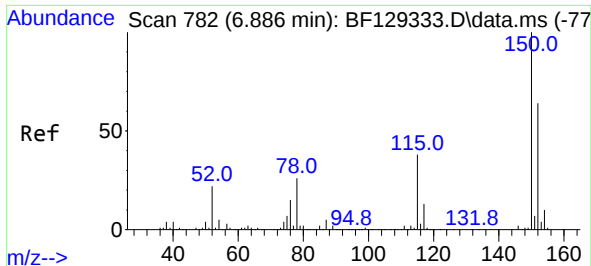
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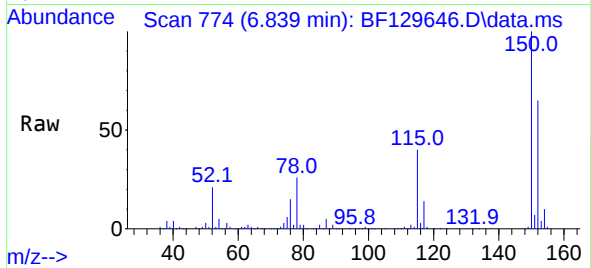
Quant Time: Aug 09 00:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

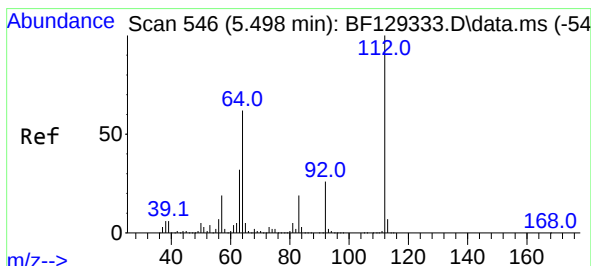
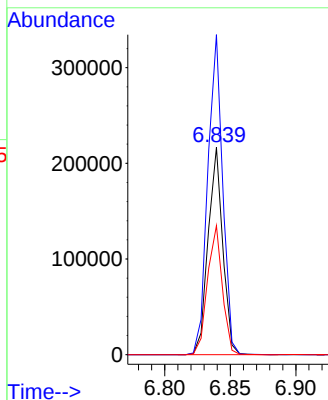
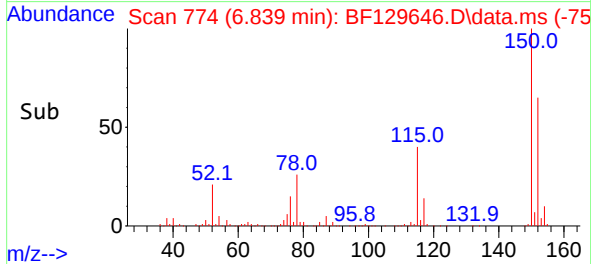
Instrument :
BNA_F
ClientSampleId :
RVE-176



Tgt Ion:152 Resp: 16859
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 62.2 49.9 74.9

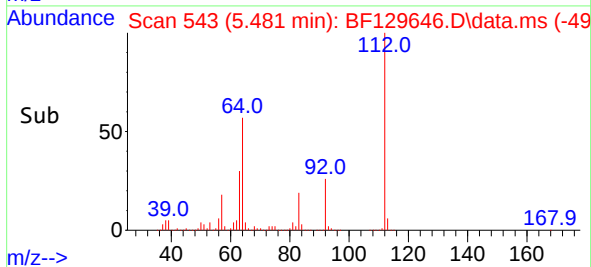
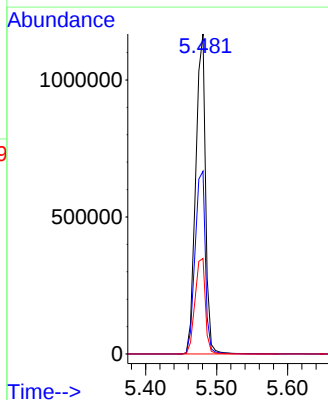
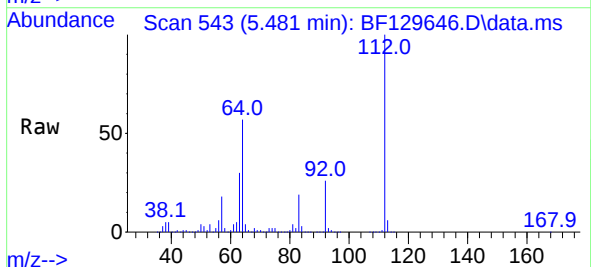
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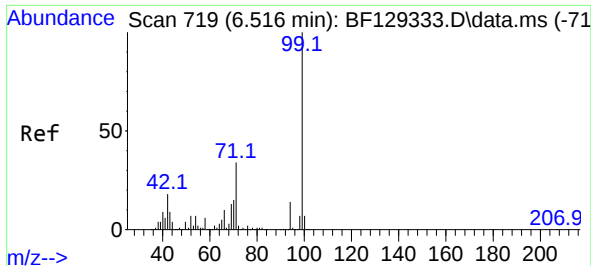
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#5
2-Fluorophenol
Concen: 109.03 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

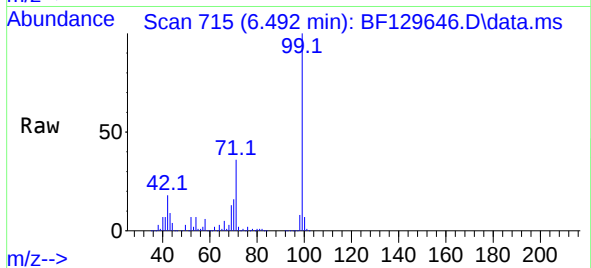
Tgt Ion:112 Resp: 1128406
Ion Ratio Lower Upper
112 100
64 57.1 53.3 79.9
63 29.9 28.0 42.0





#7
Phenol-d6
Concen: 108.62 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

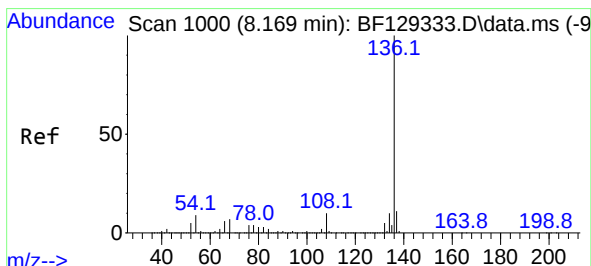
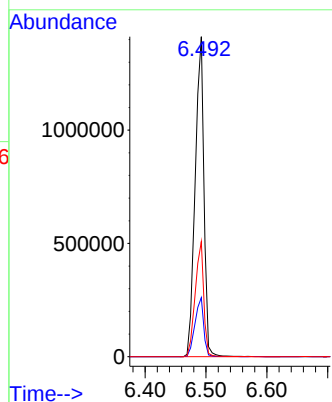
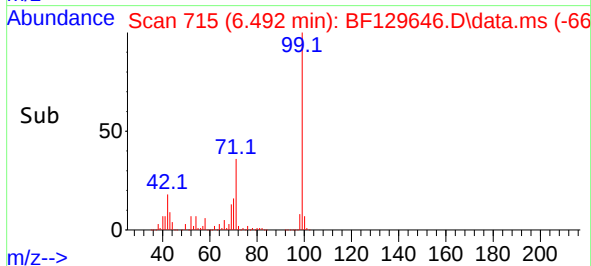
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ClientSampleId :
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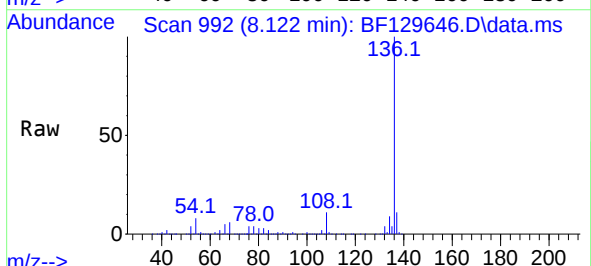
Tgt Ion: 99 Resp: 141299
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.9 28.9 43.3

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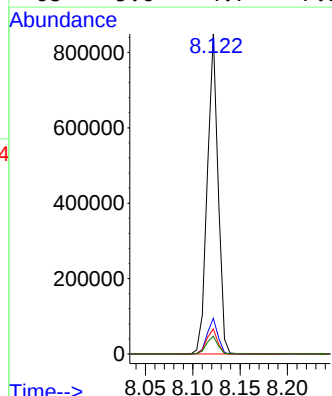
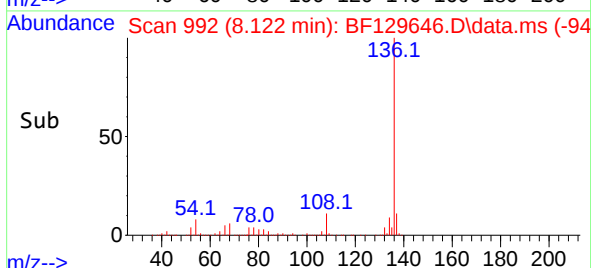
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

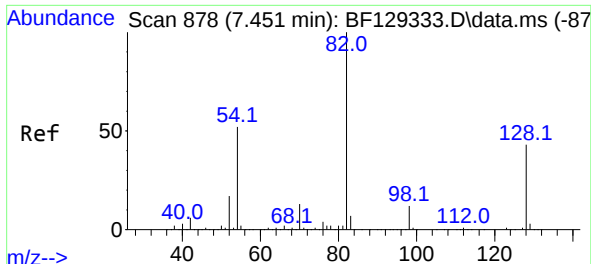


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23



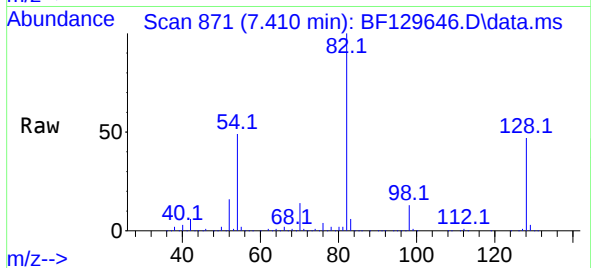
Tgt Ion:136 Resp: 671182
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 7.5 11.3
68 5.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 74.95 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

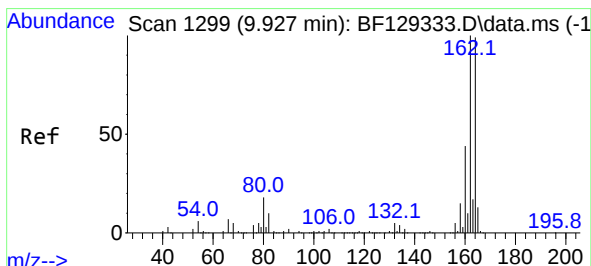
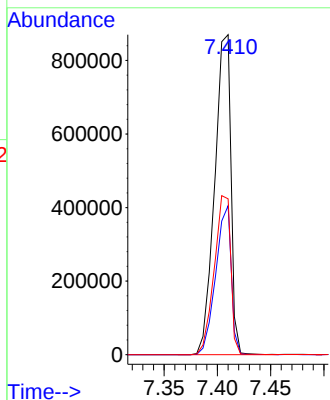
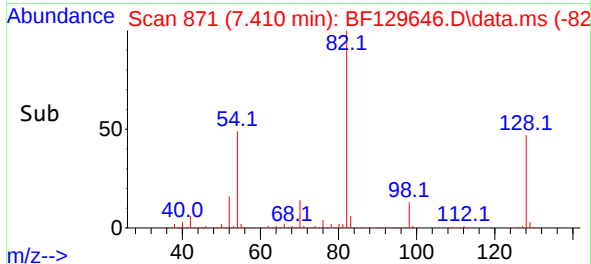
Instrument :
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ClientSampleId :
RVE-176



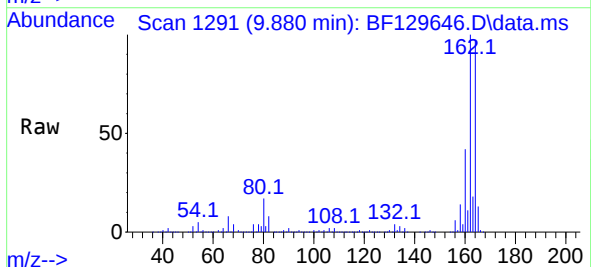
Tgt Ion: 82 Resp: 921479
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 48.7 46.9 70.3

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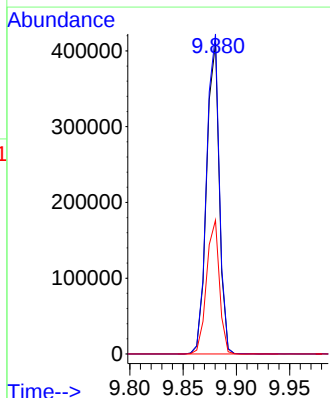
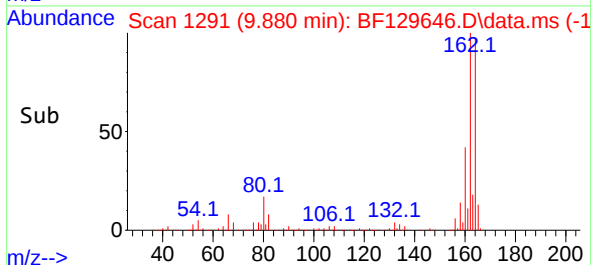
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

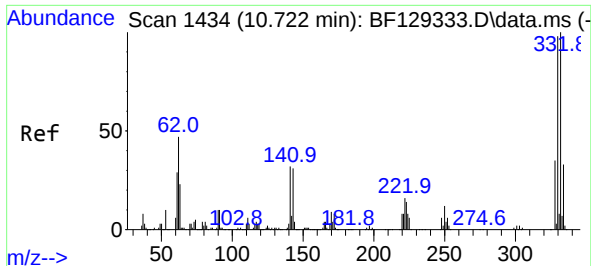


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23



Tgt Ion:164 Resp: 341458
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 43.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 103.27 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

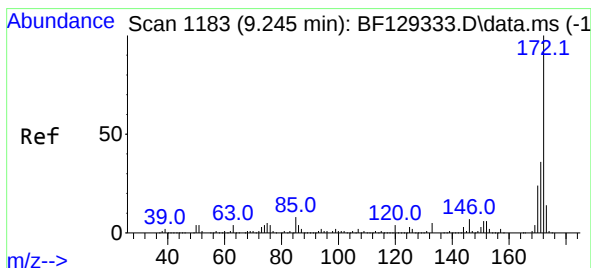
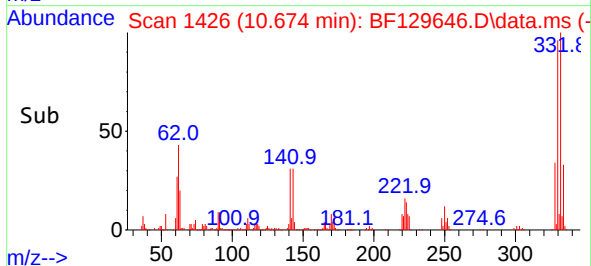
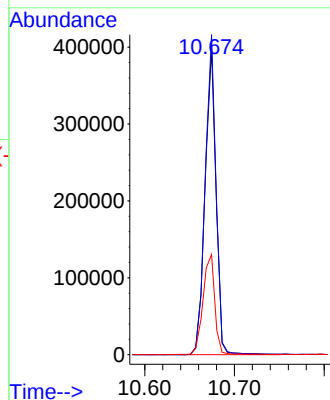
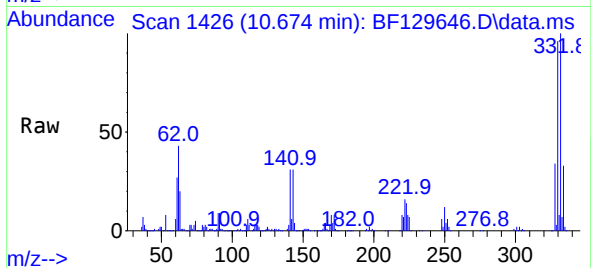
RVE-176

Tgt Ion:330 Resp: 33902
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 35.5 28.0 42.0

Manual Integrations

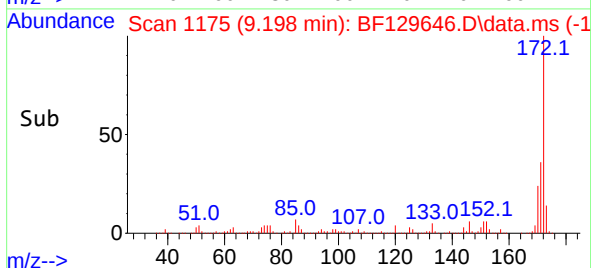
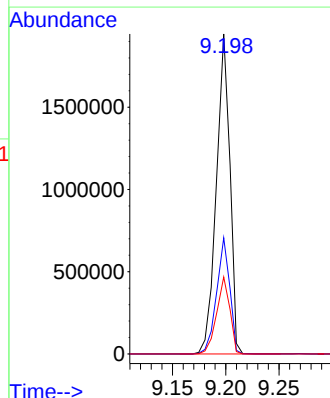
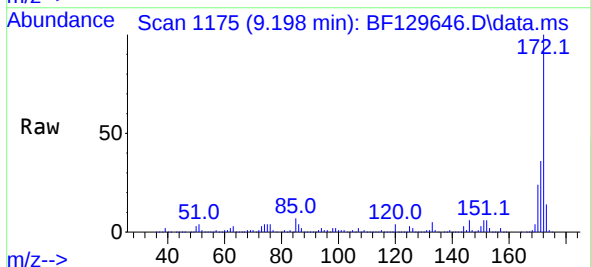
APPROVED

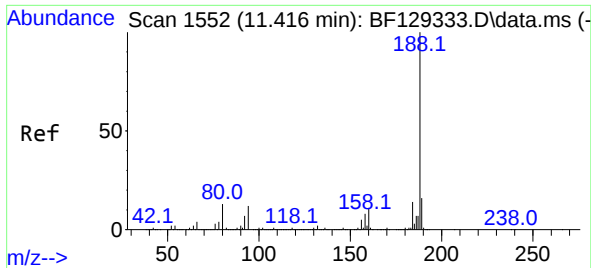
Reviewed By :Christian Giraldo 08/09/2022
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#45
2-Fluorobiphenyl
Concen: 77.41 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

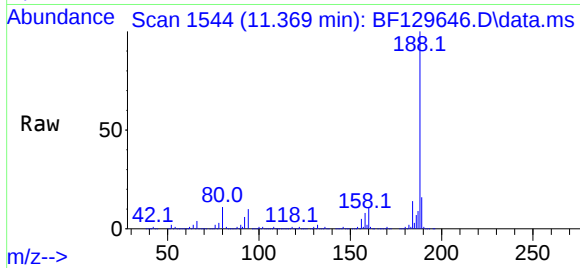
Tgt Ion:172 Resp: 1708611
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 11369
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

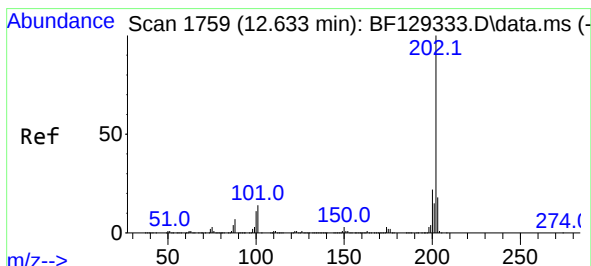
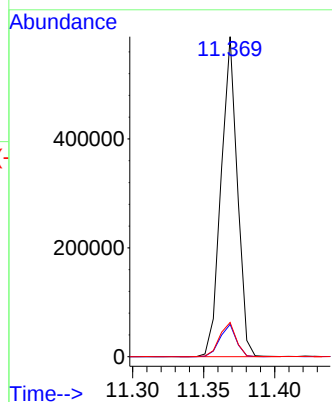
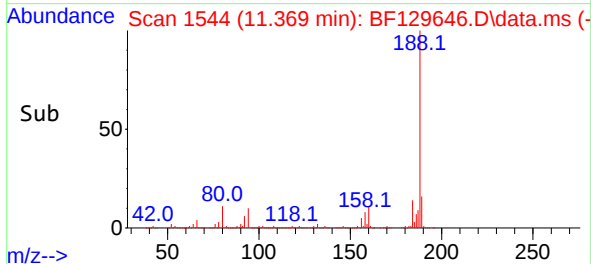
Instrument :
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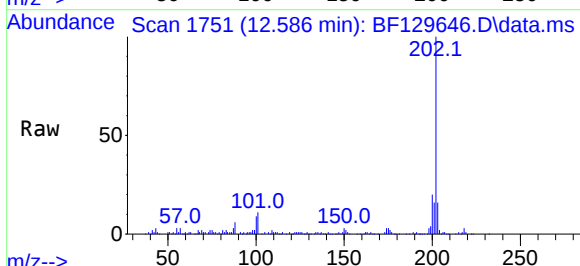
Tgt Ion:188 Resp: 46786
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.6 11.4

Manual Integrations
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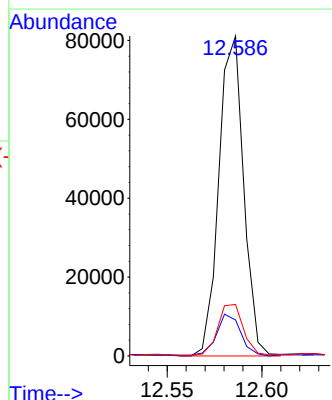
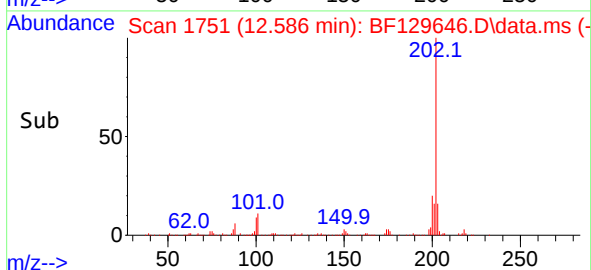
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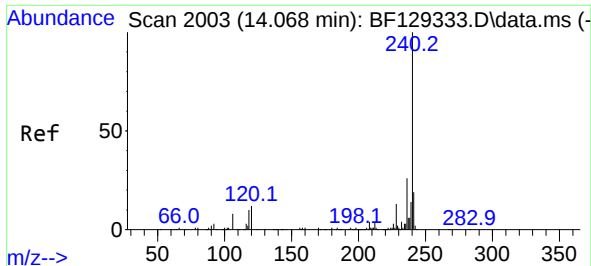


#75
Fluoranthene
Concen: 2.86 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23



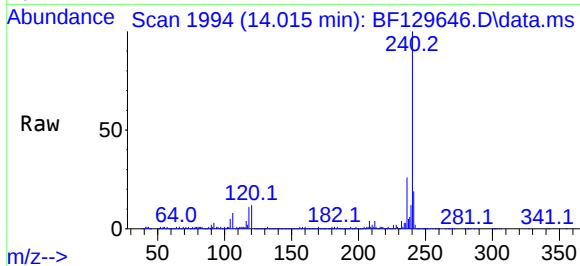
Tgt Ion:202 Resp: 73935
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 16.1 0.0 38.0





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

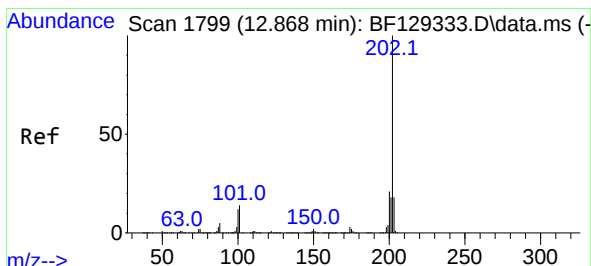
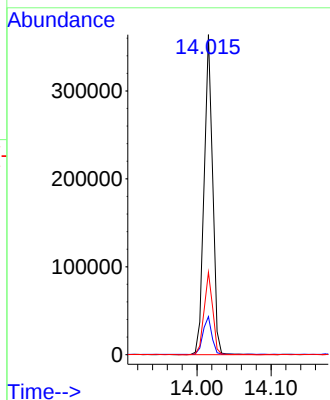
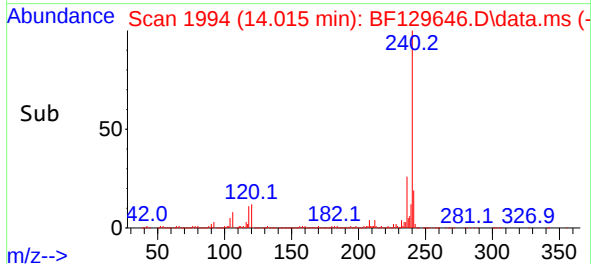
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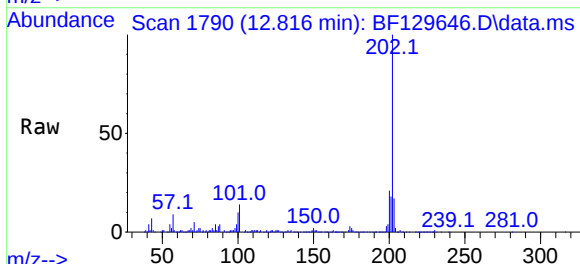
Tgt Ion:240 Resp: 294094
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.7 20.8 31.2

Manual Integrations
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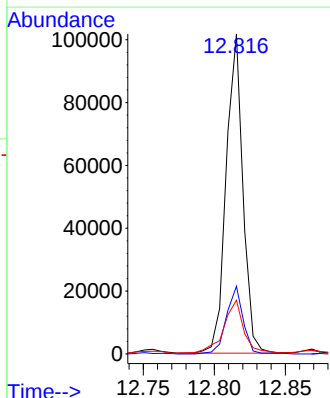
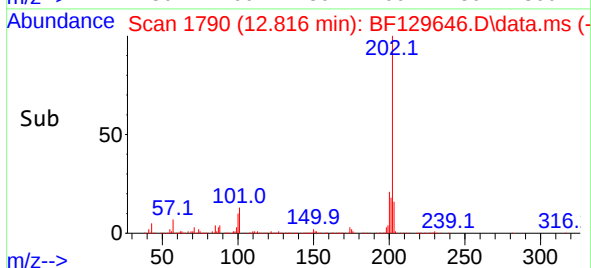
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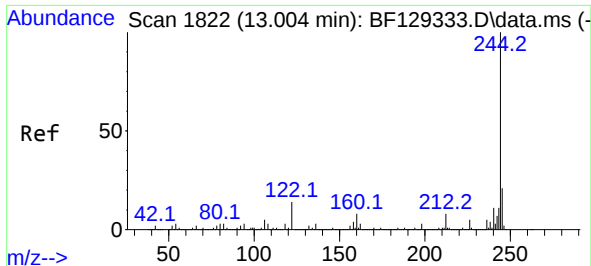


#78
Pyrene
Concen: 3.38 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23



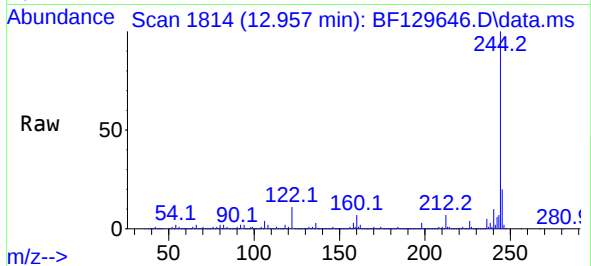
Tgt Ion:202 Resp: 83011
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 16.8 14.6 21.8





#79
Terphenyl-d14
Concen: 75.27 ng
RT: 12.957 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

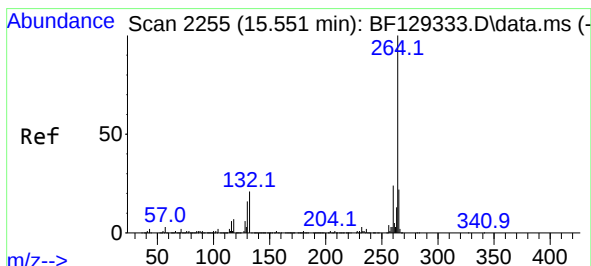
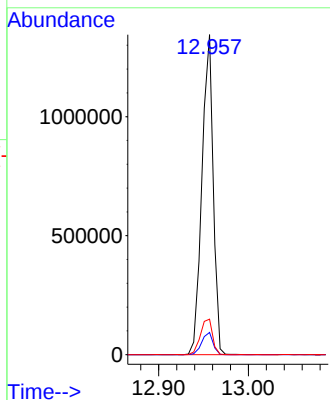
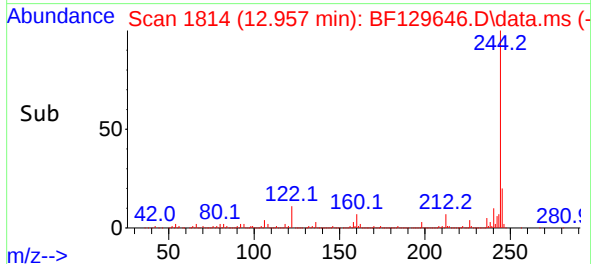
Instrument :
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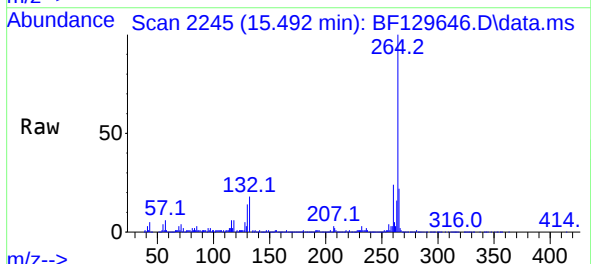
Tgt Ion:244 Resp: 1173368
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.1 8.8 13.2

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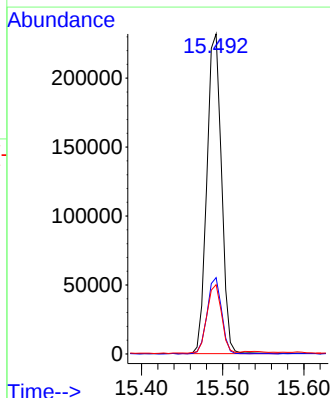
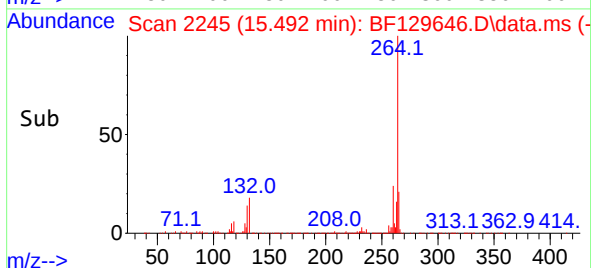
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

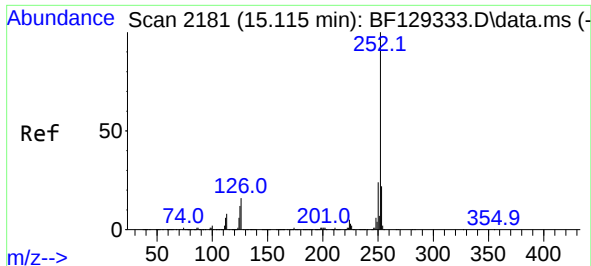


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23



Tgt Ion:264 Resp: 289109
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.6 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.07 ng m
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

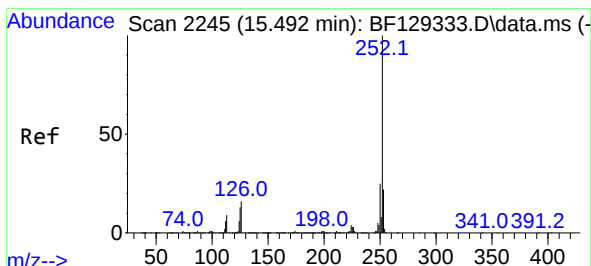
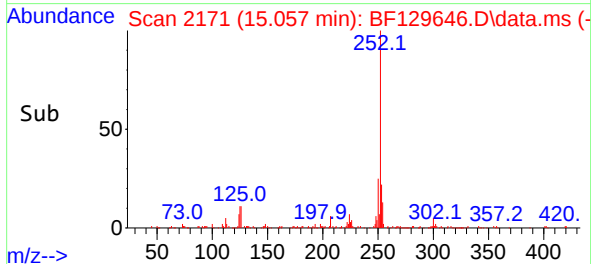
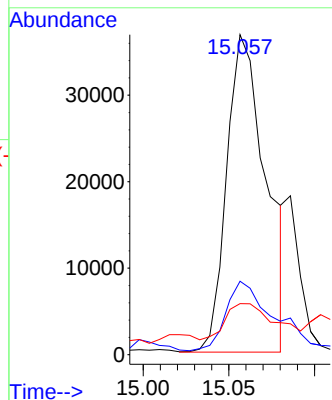
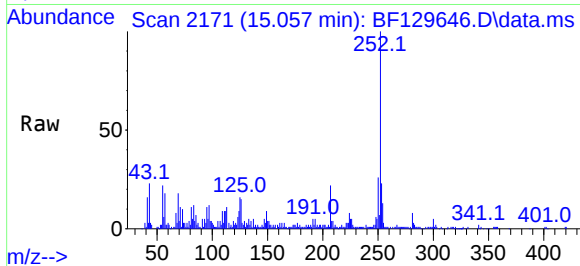
RVE-176

Tgt Ion:252 Resp: 58812
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 16.0 8.0 12.0

Manual Integrations

APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.28 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:252 Resp: 35496
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 16.8 8.8 13.2

