

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129649.D
 Acq On : 09 Aug 2022 01:04
 Operator : CG\JU
 Sample : N3962-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 01:24:54 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	153855	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	588673	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	270459	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	357639	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	294181	20.000	ng	-0.01
86) Perylene-d12	15.492	264	248381	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	965528	102.229	ng	0.00
7) Phenol-d6	6.492	99	1187855	100.059	ng	-0.01
23) Nitrobenzene-d5	7.404	82	760855	70.555	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	224835	86.466	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1325687	75.826	ng	-0.01
79) Terphenyl-d14	12.957	244	967925	62.073	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	105527	5.405	ng	97
75) Fluoranthene	12.586	202	163096	8.245	ng	98
78) Pyrene	12.816	202	194857	7.921	ng	97
81) Benzo(a)anthracene	14.004	228	103795	5.165	ng	94
83) Chrysene	14.039	228	106538	5.625	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	50136	2.997	ng	94
88) Benzo(b)fluoranthene	15.057	252	120421m	7.309	ng	
89) Benzo(k)fluoranthene	15.086	252	39682m	2.458	ng	
90) Benzo(a)pyrene	15.427	252	86304	6.453	ng	97
92) Benzo(g,h,i)perylene	17.415	276	54504	3.918	ng	98

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

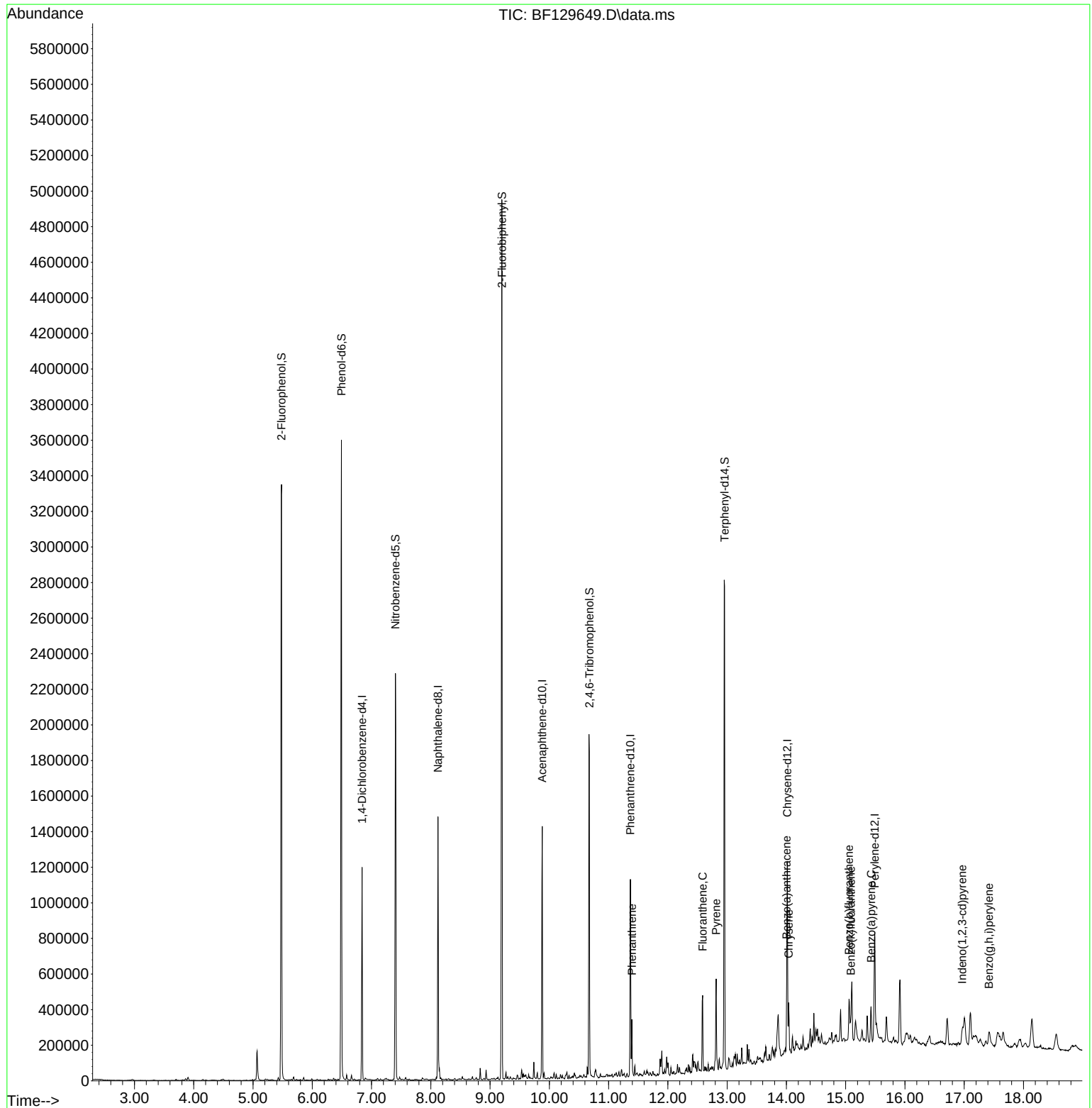
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129649.D
Acq On : 09 Aug 2022 01:04
Operator : CG\JU
Sample : N3962-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

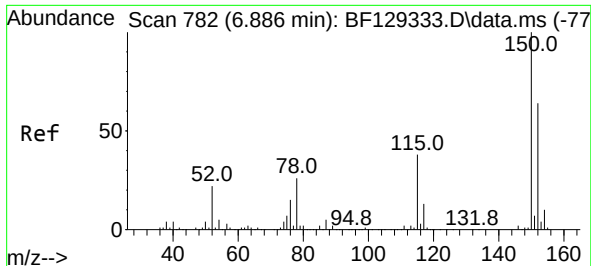
Instrument :
BNA_F
ClientSampleId :
RVE-200

Quant Time: Aug 09 01:24:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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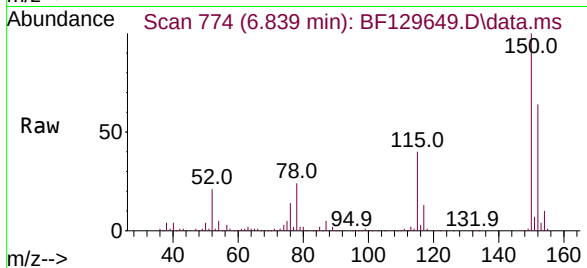
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

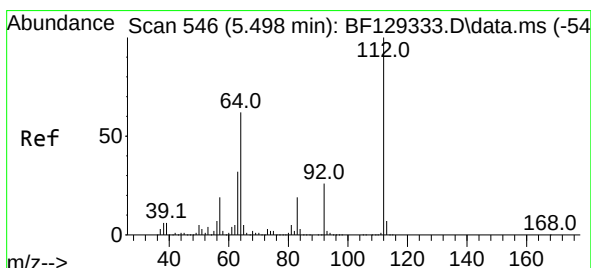
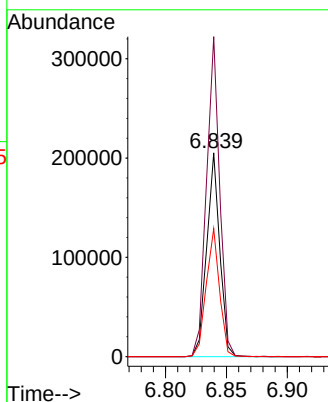
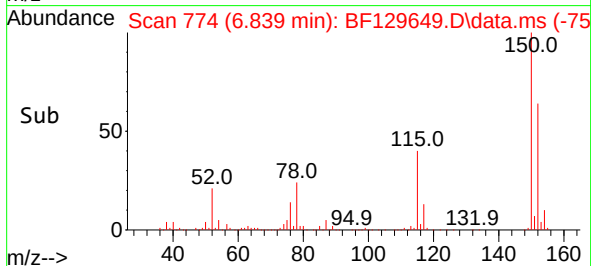
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion:152 Resp: 15385
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 62.8 49.9 74.9

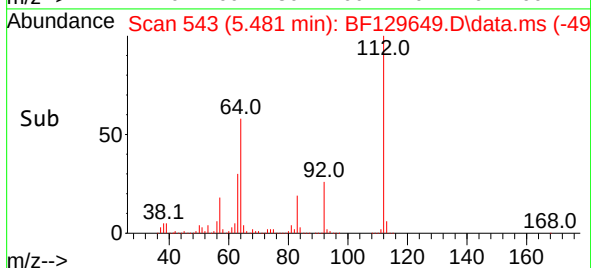
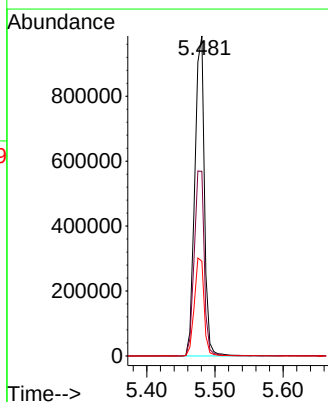
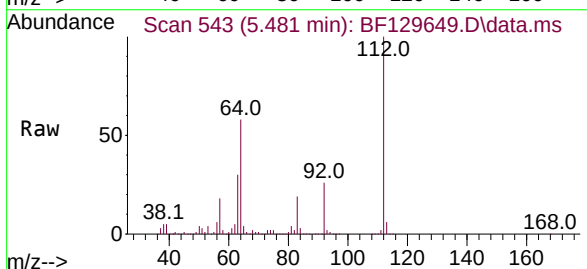
Manual Integrations
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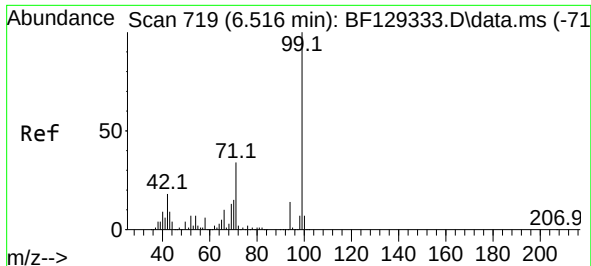
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#5
2-Fluorophenol
Concen: 102.229 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

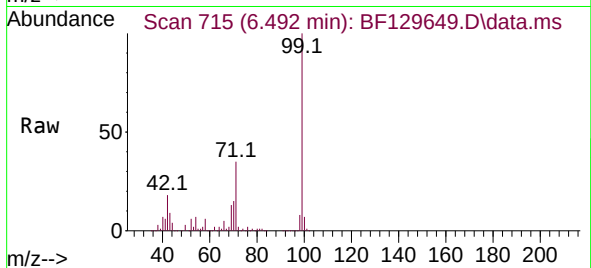
Tgt Ion:112 Resp: 965528
Ion Ratio Lower Upper
112 100
64 57.7 53.3 79.9
63 29.6 28.0 42.0





#7
Phenol-d6
Concen: 100.059 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

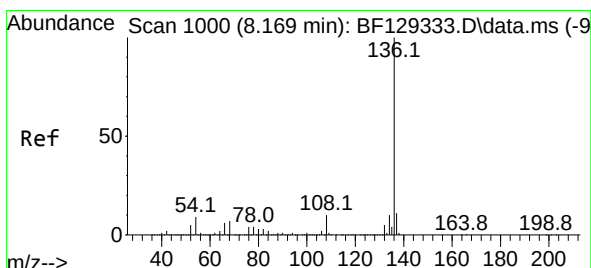
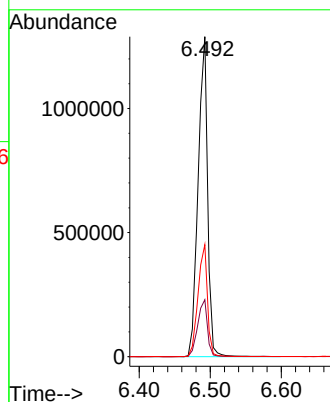
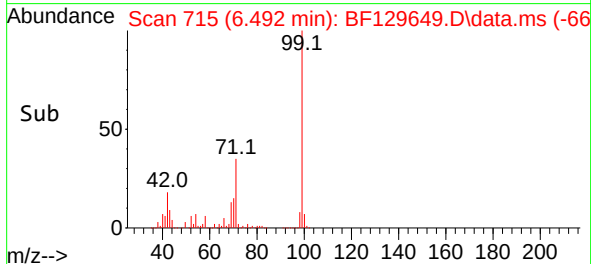
Instrument :
BNA_F
ClientSampleId :
RVE-200



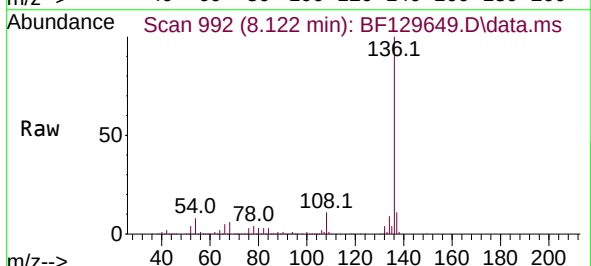
Tgt Ion: 99 Resp: 118785
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 35.0 28.9 43.3

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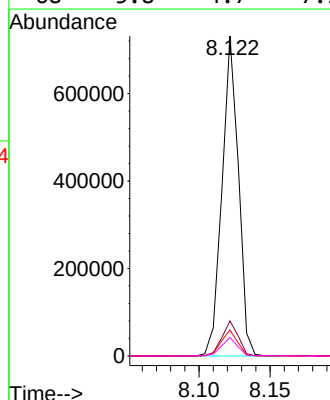
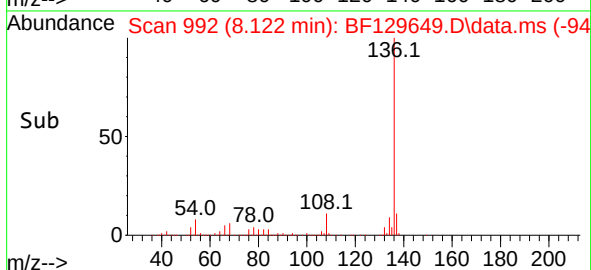
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

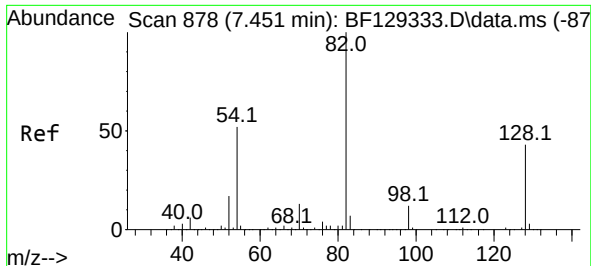


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04



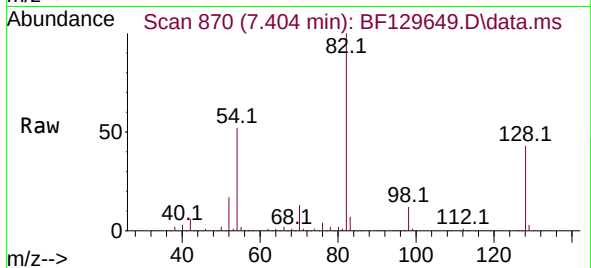
Tgt Ion:136 Resp: 588673
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 70.555 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

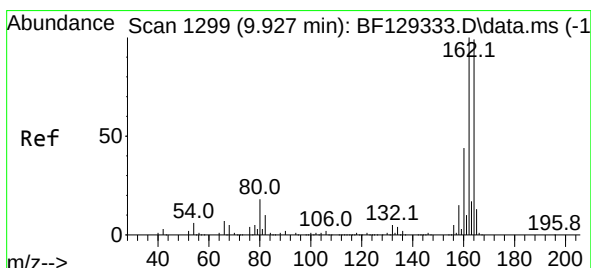
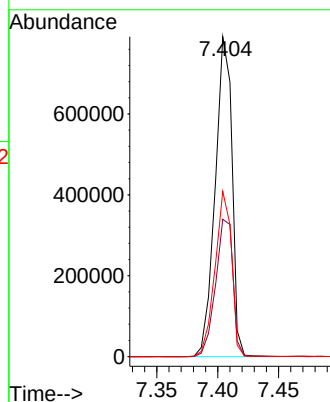
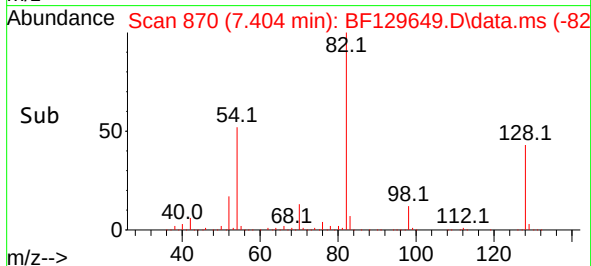
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion: 82 Resp: 760855
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 51.6 46.9 70.3

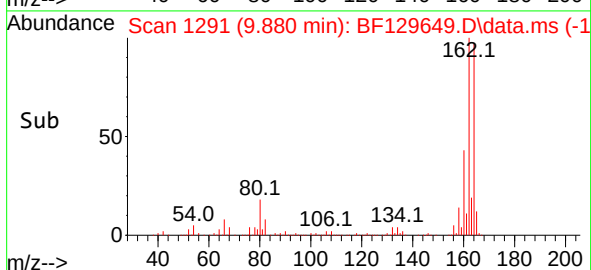
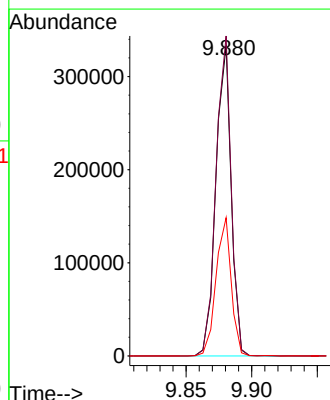
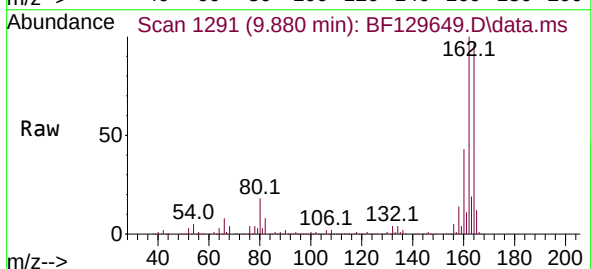
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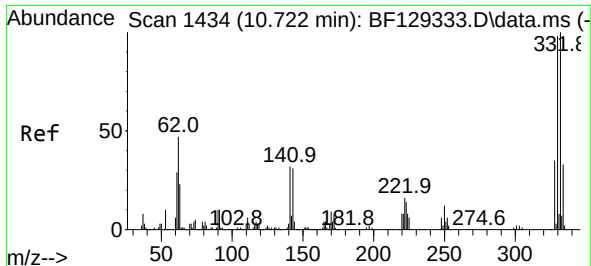
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

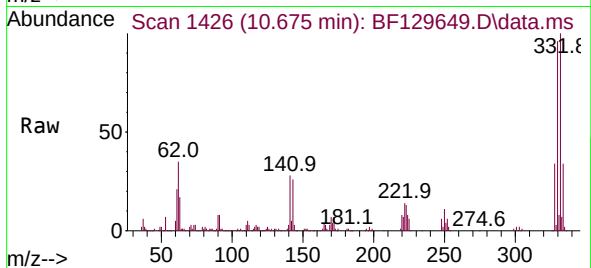
Tgt Ion:164 Resp: 270459
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 86.466 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

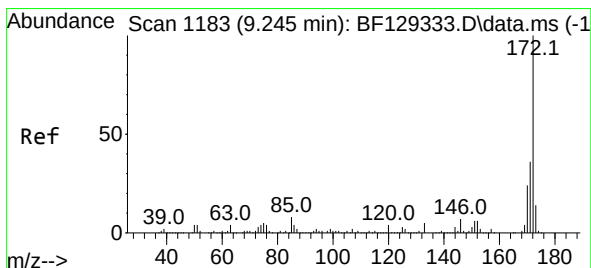
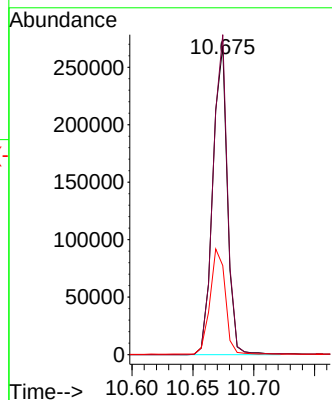
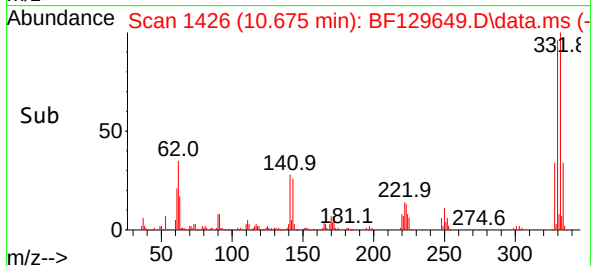
Instrument :
BNA_F
ClientSampleId :
RVE-200



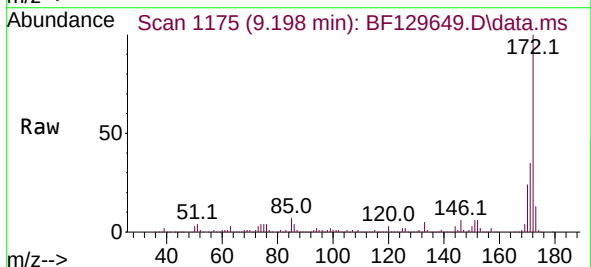
Tgt Ion: 330 Resp: 224835
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 35.7 28.0 42.0

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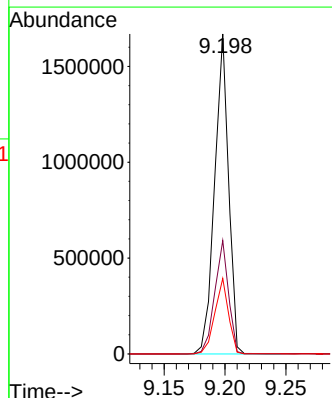
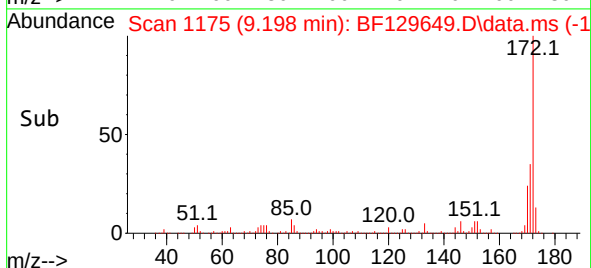
Reviewed By : Christian Giraldo 08/09/2022
Supervised By : Jagrut Upadhyay 08/09/2022

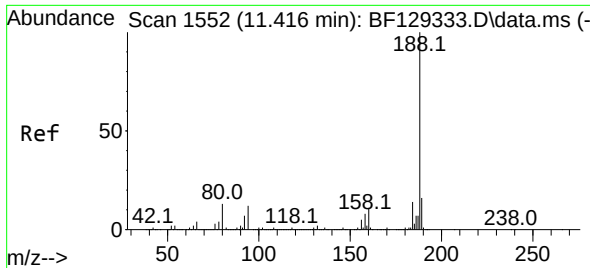


#45
2-Fluorobiphenyl
Concen: 75.826 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04



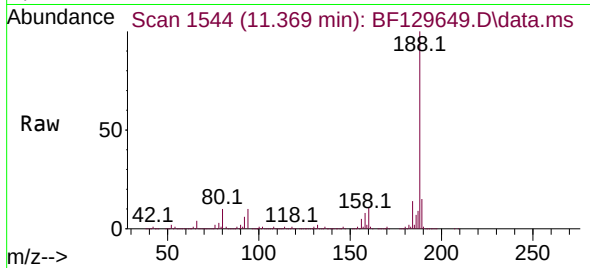
Tgt Ion: 172 Resp: 1325687
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

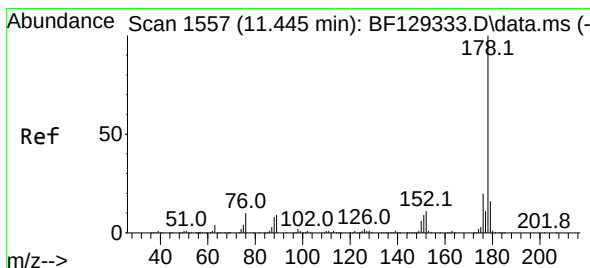
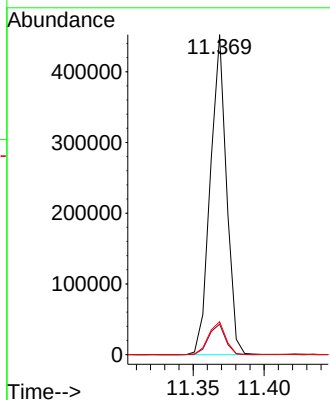
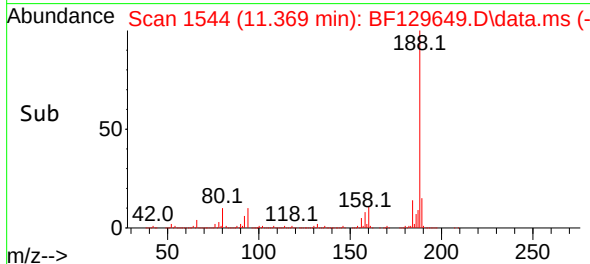
Instrument :
BNA_F
ClientSampleId :
RVE-200



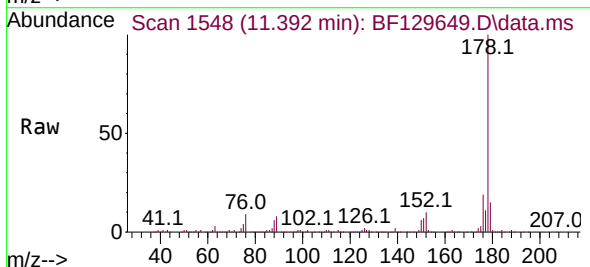
Tgt Ion:188 Resp: 357639
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.6 11.4

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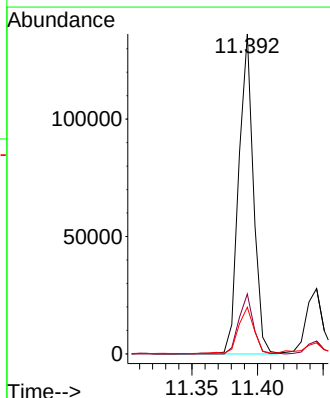
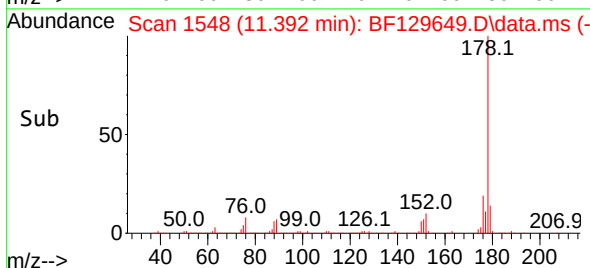
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

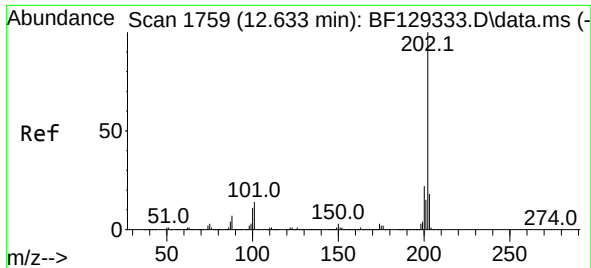


#71
Phenanthrene
Concen: 5.405 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04



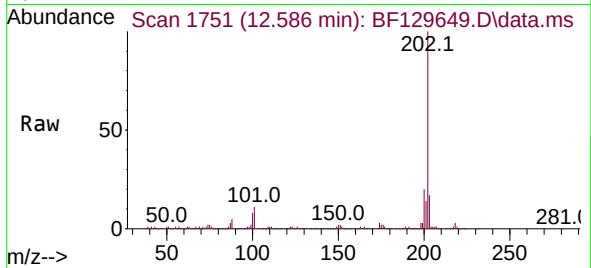
Tgt Ion:178 Resp: 105527
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 8.245 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

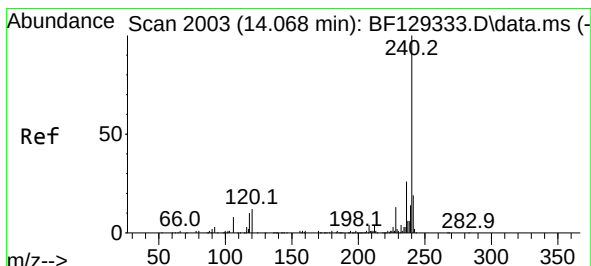
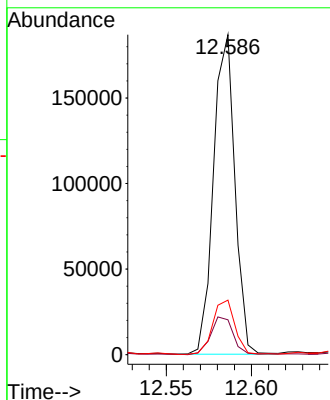
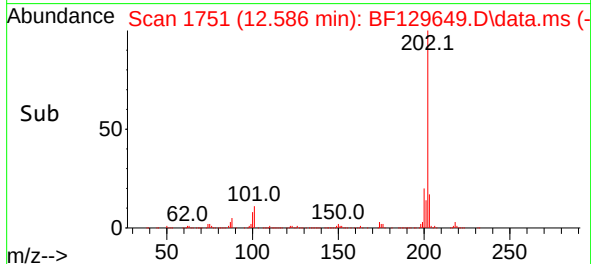
Instrument :
BNA_F
ClientSampleId :
RVE-200



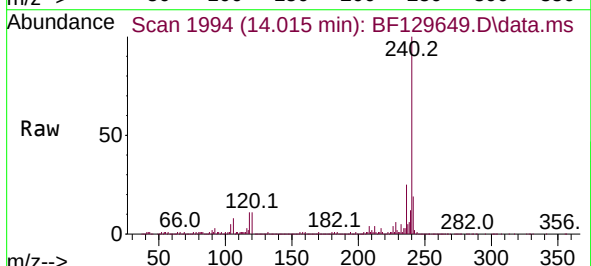
Tgt Ion:202 Resp: 163096
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.0 0.0 38.0

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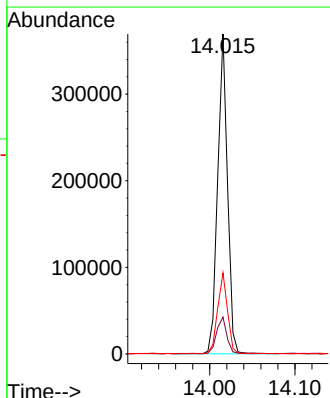
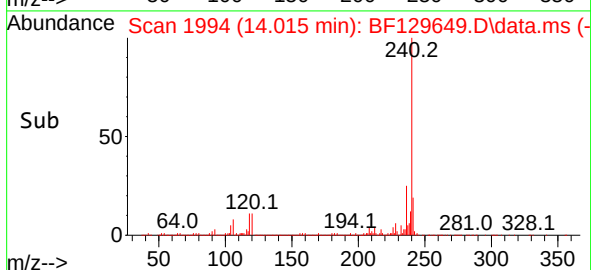
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

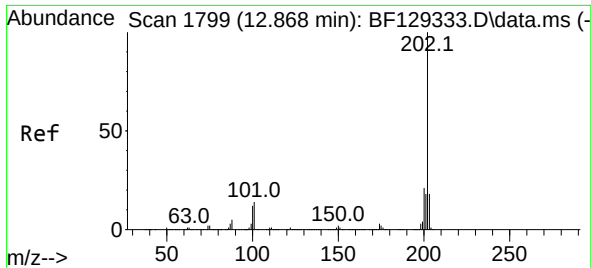


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04



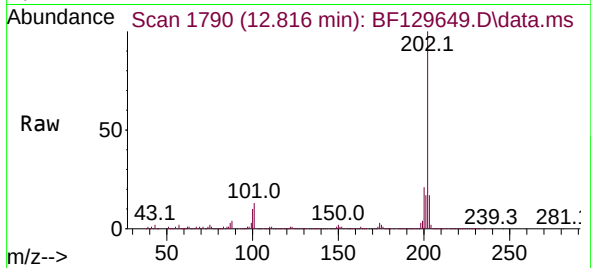
Tgt Ion:240 Resp: 294181
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.3 20.8 31.2





#78
Pyrene
Concen: 7.921 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

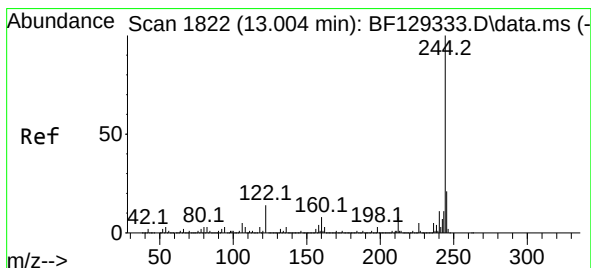
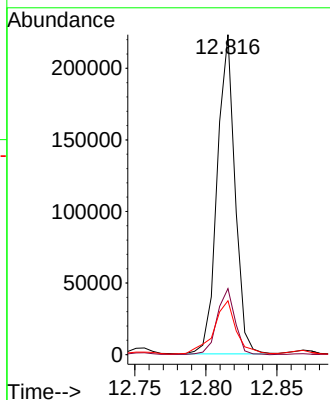
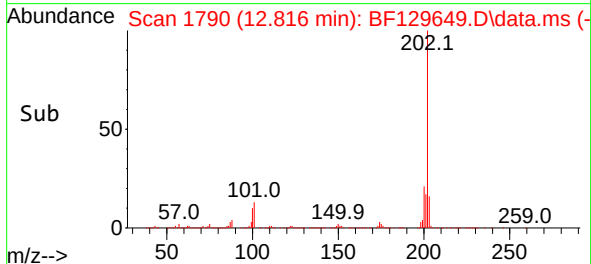
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion:202 Resp: 19485
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 16.8 14.6 21.8

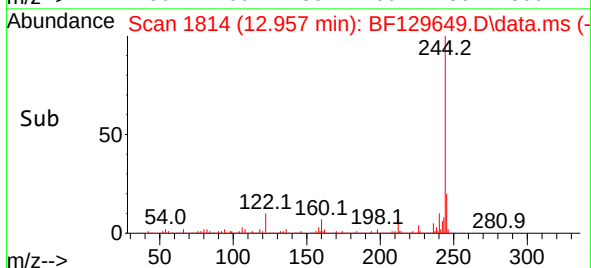
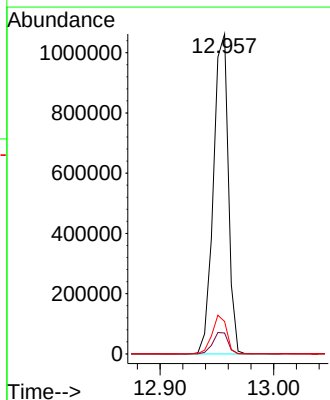
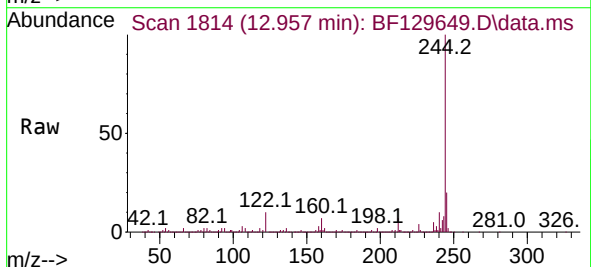
Manual Integrations
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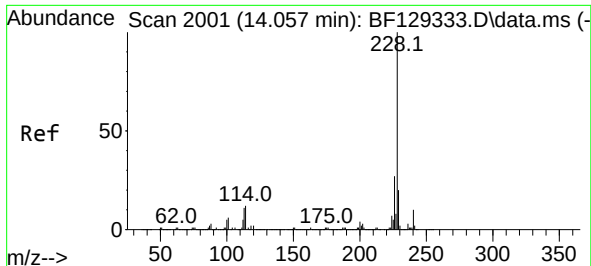
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#79
Terphenyl-d14
Concen: 62.073 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

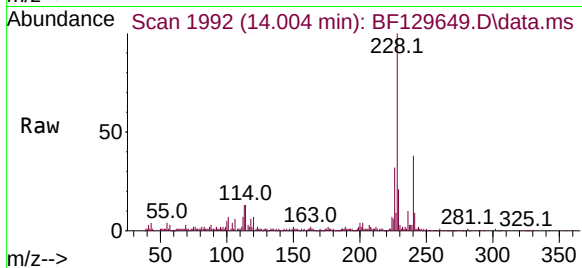
Tgt Ion:244 Resp: 967925
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 10.2 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.165 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

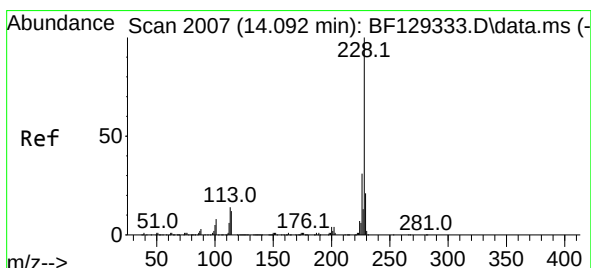
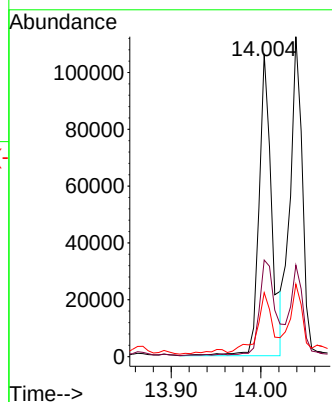
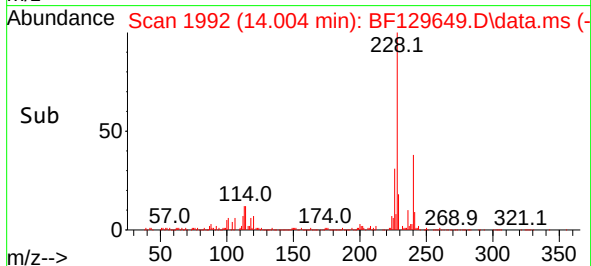
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion:228 Resp: 103795
Ion Ratio Lower Upper
228 100
226 31.9 22.1 33.1
229 21.1 15.8 23.8

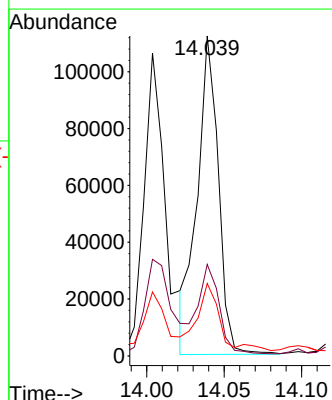
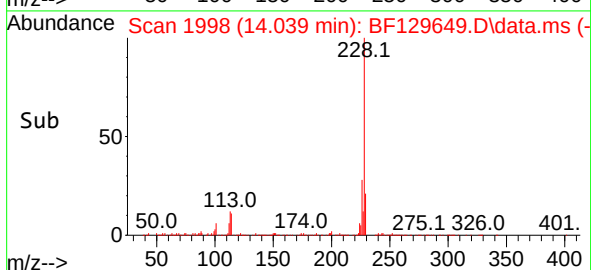
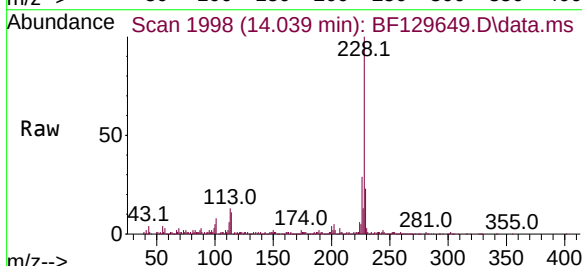
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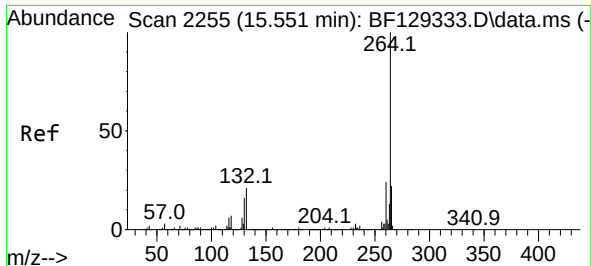
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#83
Chrysene
Concen: 5.625 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:228 Resp: 106538
Ion Ratio Lower Upper
228 100
226 28.6 24.3 36.5
229 22.6 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: BF129649.D
Acq: 09 Aug 2022 01:04

Instrument :

BNA_F

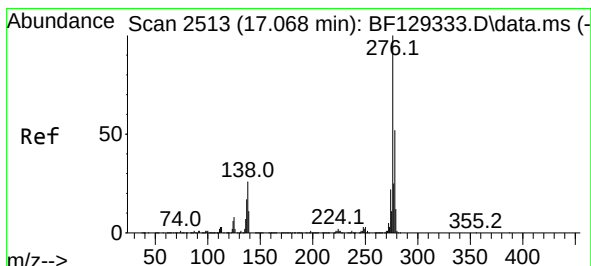
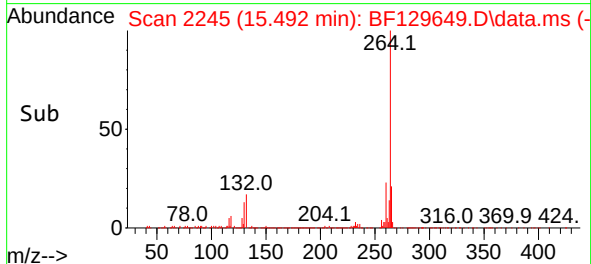
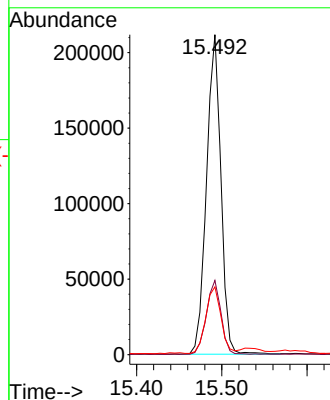
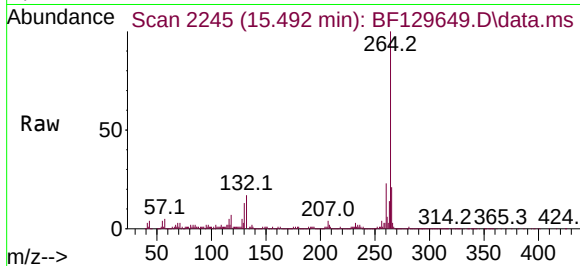
ClientSampleId :

RVE-200

Tgt Ion:264 Resp: 24838
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.2 17.2 25.8

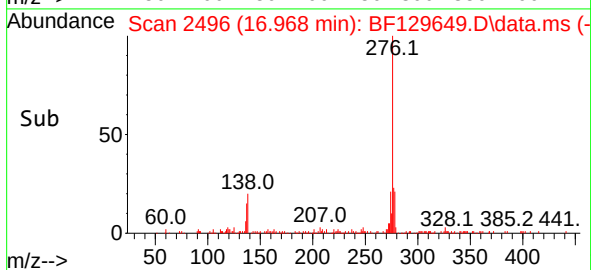
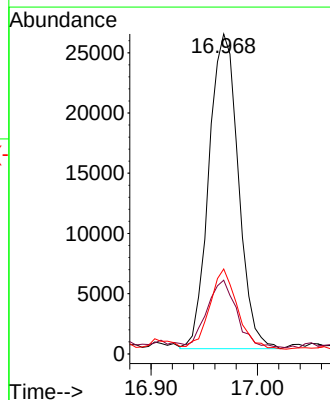
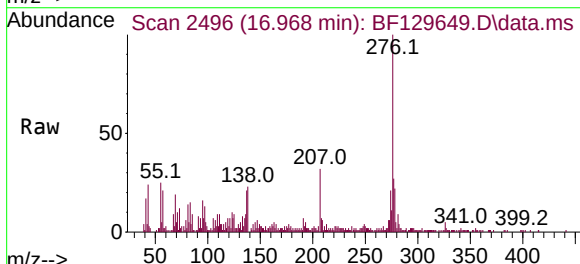
Manual Integrations
APPROVED

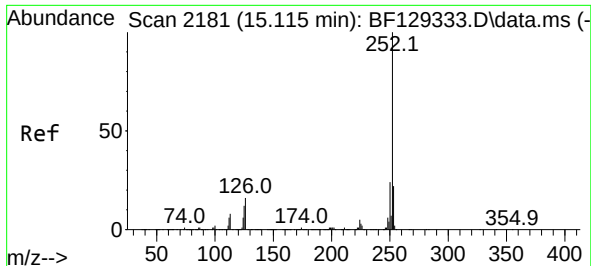
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.997 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

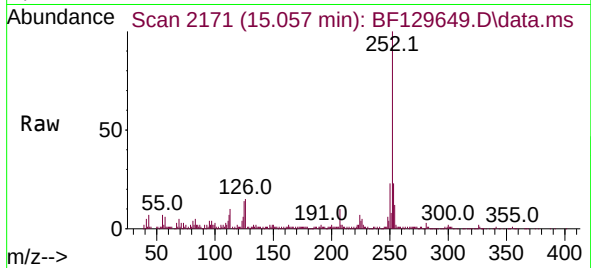
Tgt Ion:276 Resp: 50136
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
277 23.9 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 7.309 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

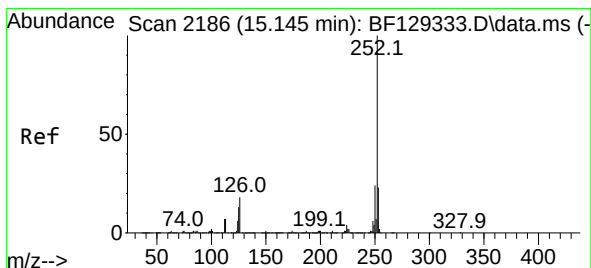
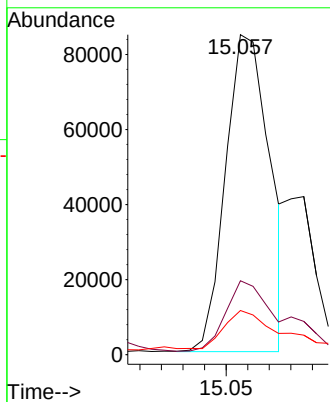
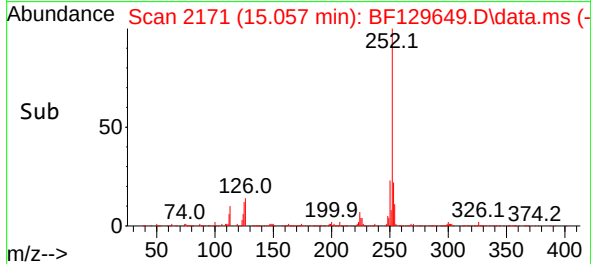
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion:252 Resp: 120421
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.8 8.0 12.0

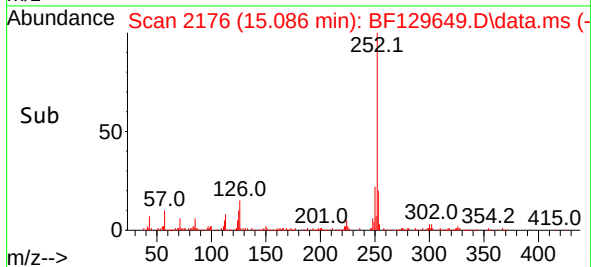
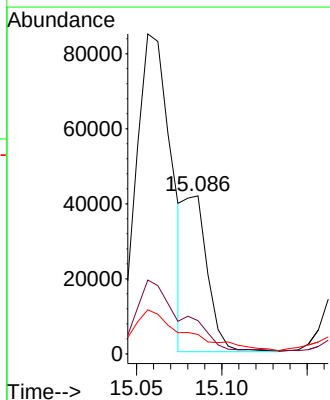
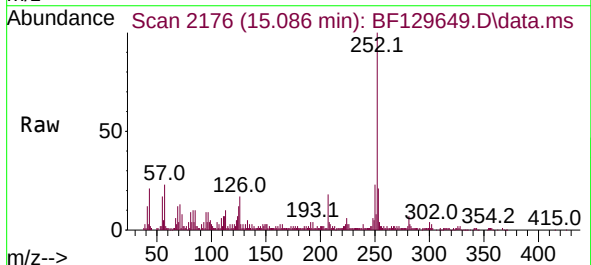
Manual Integrations
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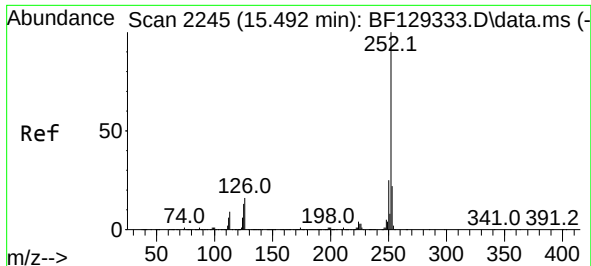
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#89
Benzo(k)fluoranthene
Concen: 2.458 ng m
RT: 15.086 min Scan# 2176
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

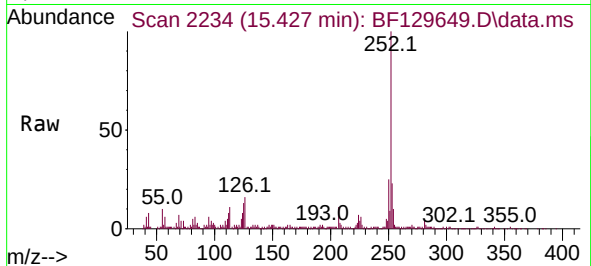
Tgt Ion:252 Resp: 39682
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 12.3 8.3 12.5





#90
Benzo(a)pyrene
Concen: 6.453 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

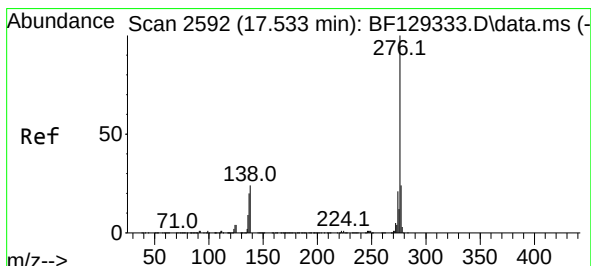
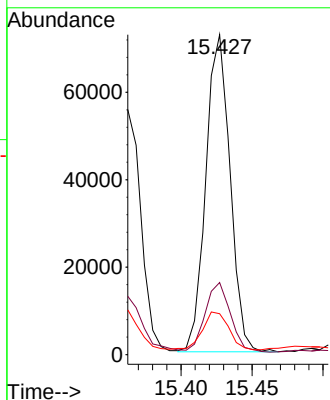
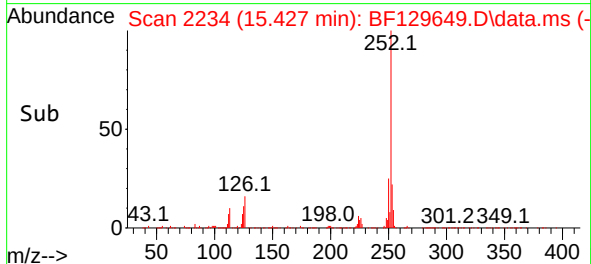
Instrument :
BNA_F
ClientSampleId :
RVE-200



Tgt Ion:252 Resp: 86304
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.8 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: 3.918 ng
RT: 17.415 min Scan# 2572
Delta R.T. -0.035 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:276 Resp: 54504
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 24.1 18.0 27.0

