

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129674.D
 Acq On : 09 Aug 2022 19:28
 Operator : CG\JU
 Sample : N3963-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-219

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:33:27 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	172601	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	681630	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	334279	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	494208	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	310153	20.000	ng	-0.01
86) Perylene-d12	15.492	264	317577	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1108572	104.626	ng	0.00
7) Phenol-d6	6.492	99	1397802	104.956	ng	-0.01
23) Nitrobenzene-d5	7.410	82	878297	70.339	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	331837	103.252	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1558897	72.141	ng	-0.01
79) Terphenyl-d14	12.957	244	1252093	76.162	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	137945	5.047	ng	96
78) Pyrene	12.816	202	140987	5.436	ng	98
81) Benzo(a)anthracene	14.004	228	64551	3.047	ng	96
83) Chrysene	14.039	228	74546m	3.733	ng	
88) Benzo(b)fluoranthene	15.057	252	105255m	4.996	ng	
90) Benzo(a)pyrene	15.427	252	70144	4.102	ng	# 96

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

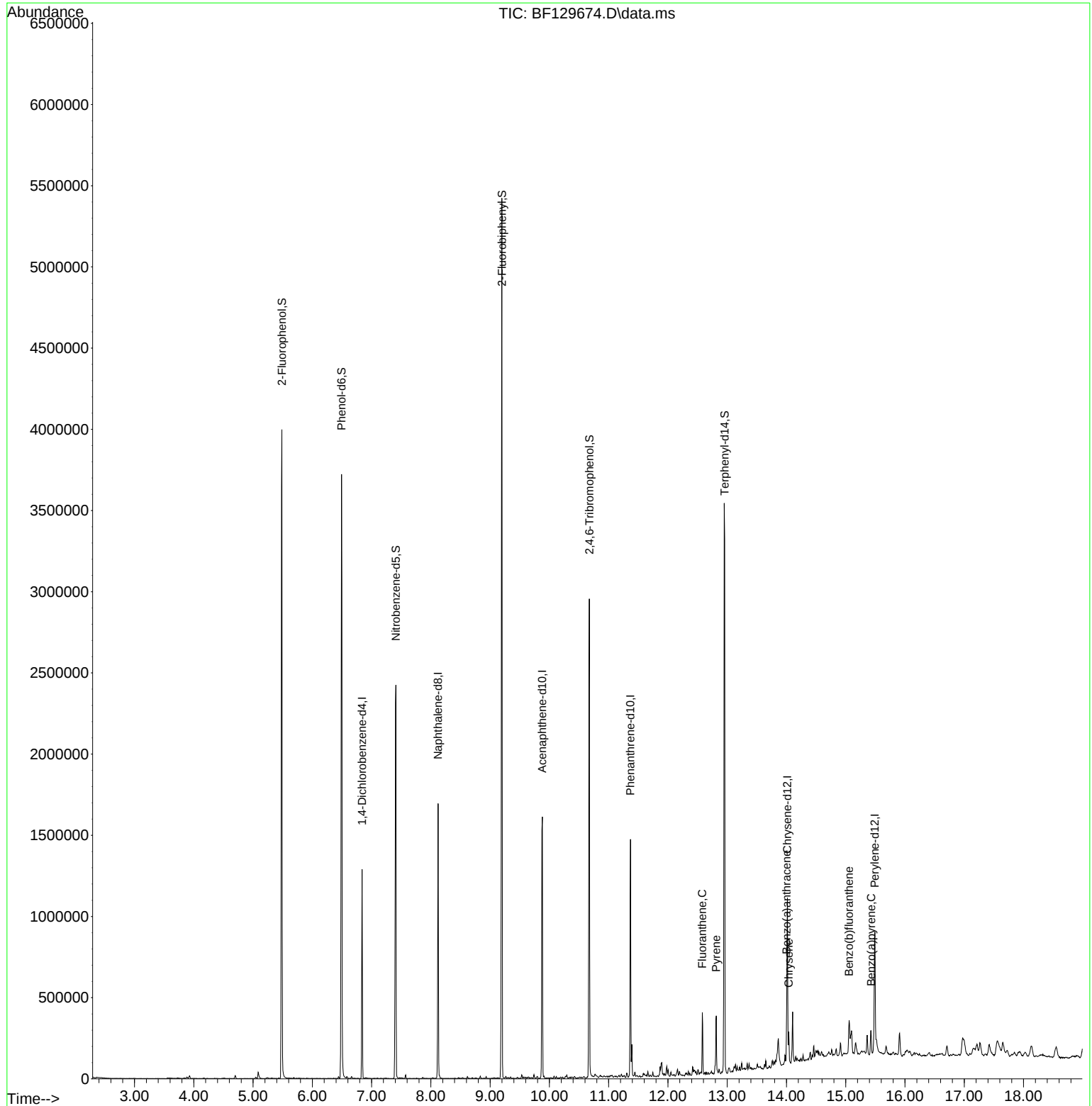
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129674.D
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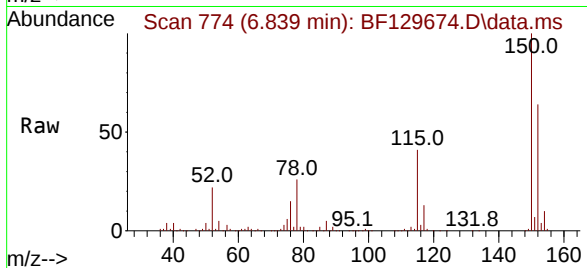
Quant Time: Aug 10 05:33:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

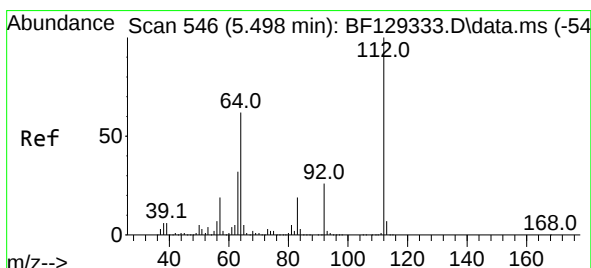
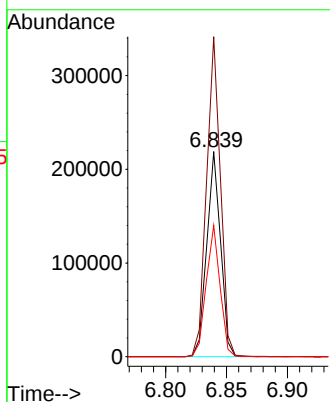
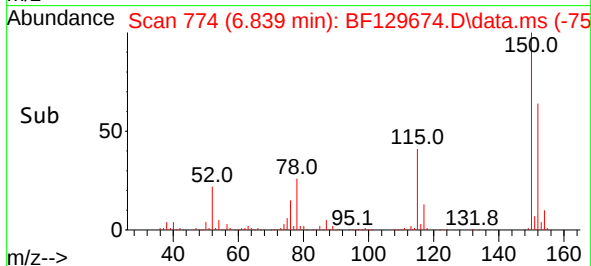
Instrument :
BNA_F
ClientSampleId :
RVE-219



Tgt Ion:152 Resp: 17260
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 63.9 49.9 74.9

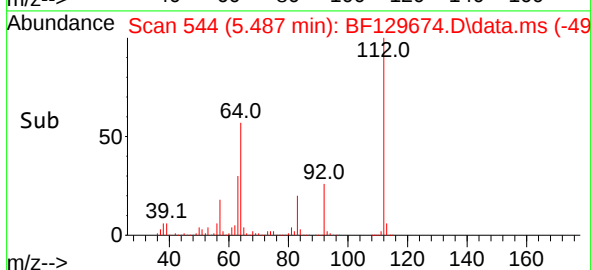
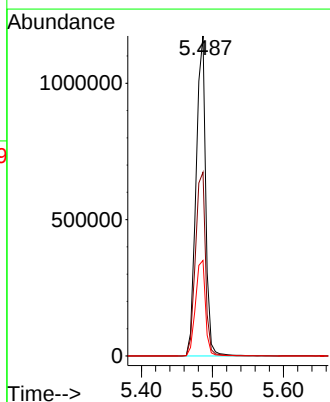
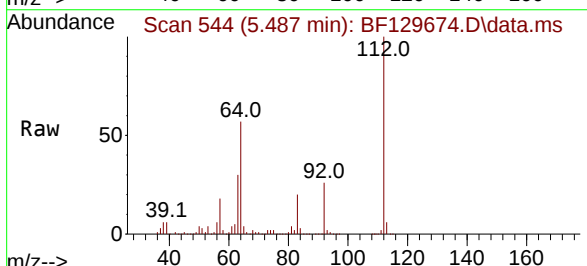
Manual Integrations
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Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 104.626 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

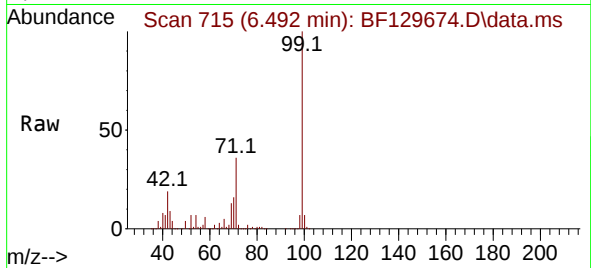
Tgt Ion:112 Resp: 1108572
Ion Ratio Lower Upper
112 100
64 57.4 53.3 79.9
63 29.9 28.0 42.0





#7
Phenol-d6
Concen: 104.956 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

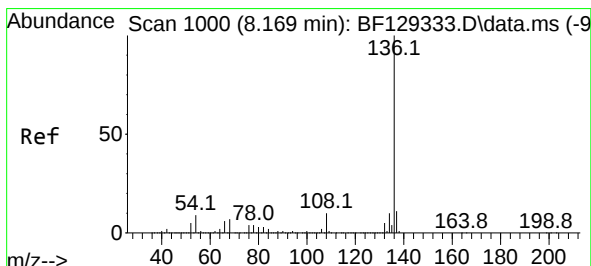
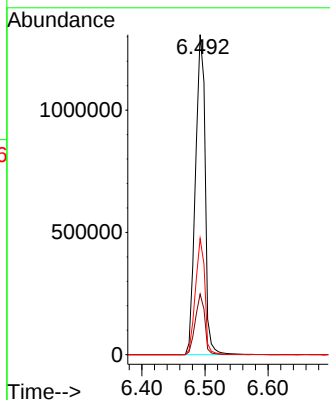
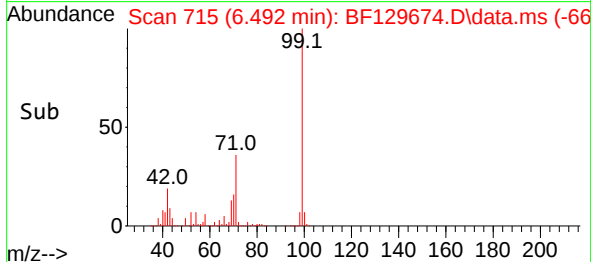
Instrument :
BNA_F
ClientSampleId :
RVE-219



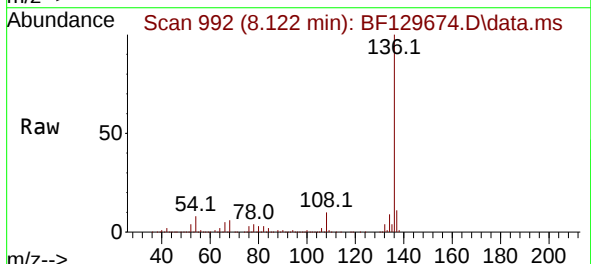
Tgt Ion: 99 Resp: 1397802
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 36.3 28.9 43.3

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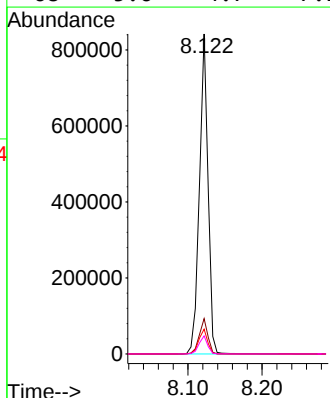
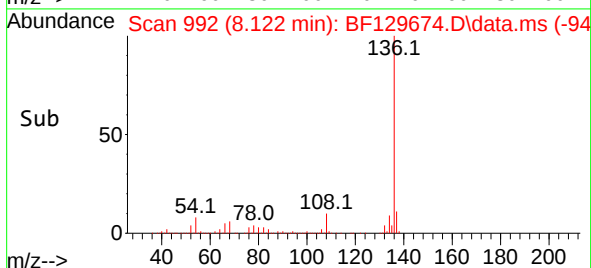
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28



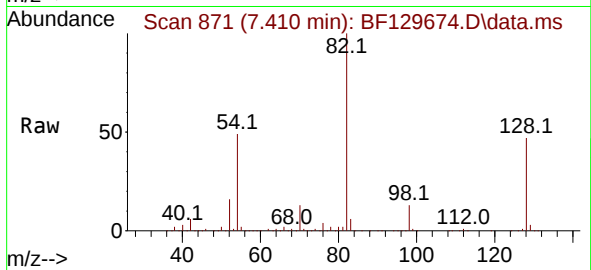
Tgt Ion:136 Resp: 681630
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 7.5 11.3
68 5.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 70.339 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

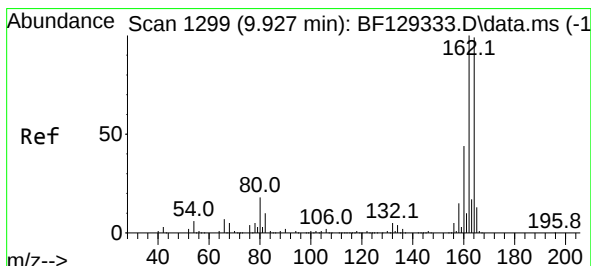
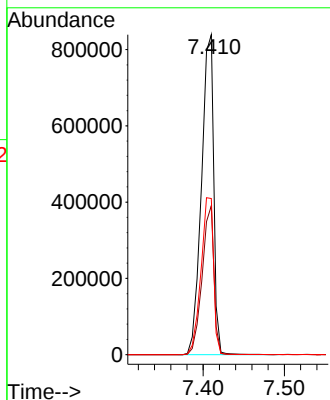
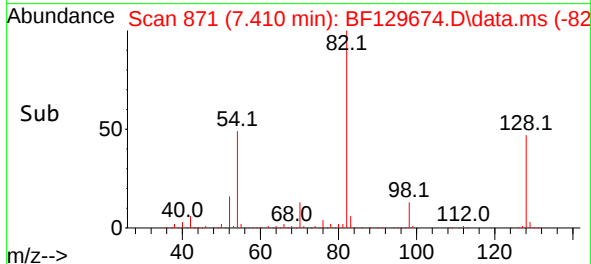
Instrument :
BNA_F
ClientSampleId :
RVE-219



Tgt Ion: 82 Resp: 87829
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 48.8 46.9 70.3

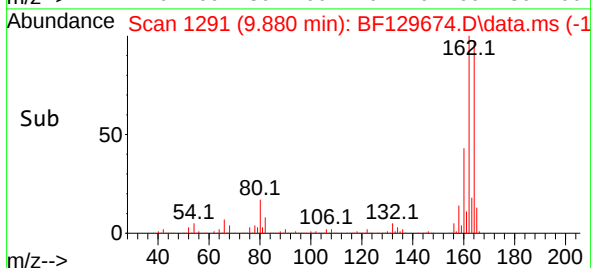
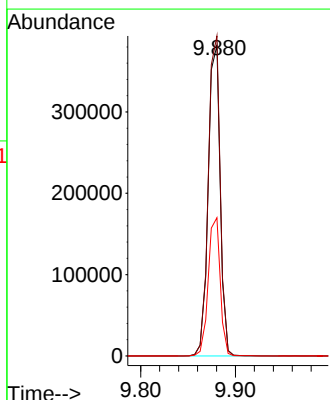
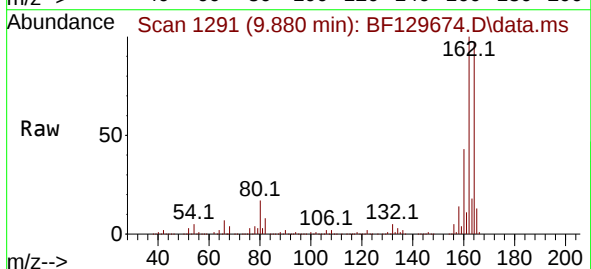
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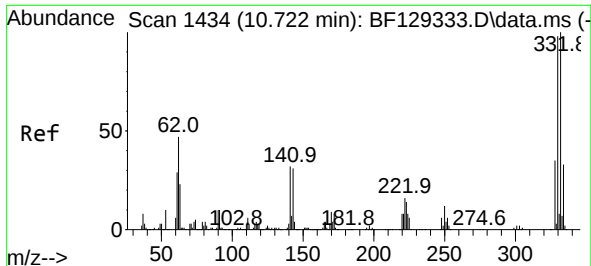
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

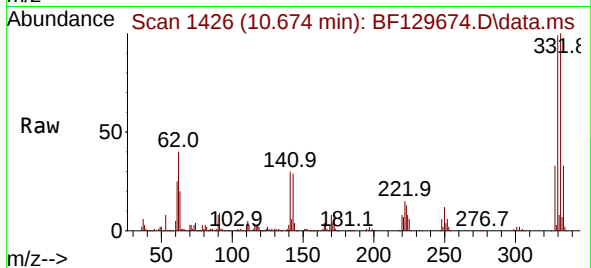
Tgt Ion:164 Resp: 334279
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 103.252 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

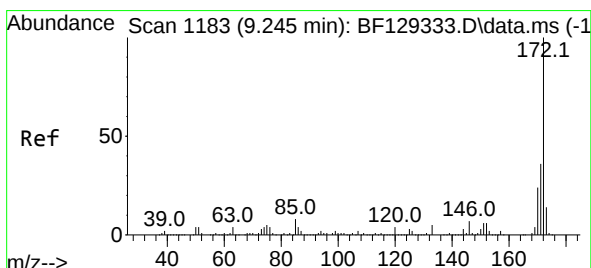
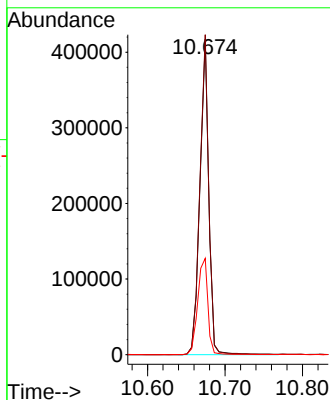
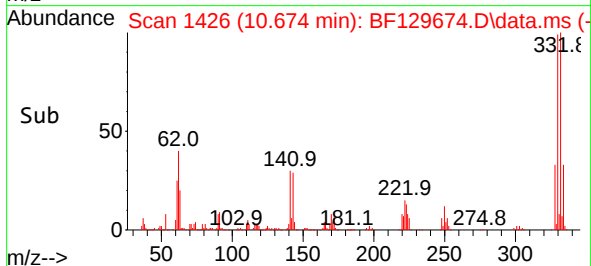
Instrument :
BNA_F
ClientSampleId :
RVE-219



Tgt Ion: 330 Resp: 331837
Ion Ratio Lower Upper
330 100
332 101.9 76.8 115.2
141 35.3 28.0 42.0

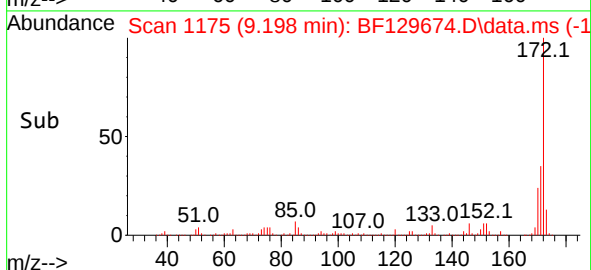
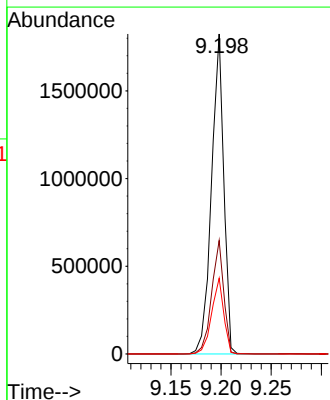
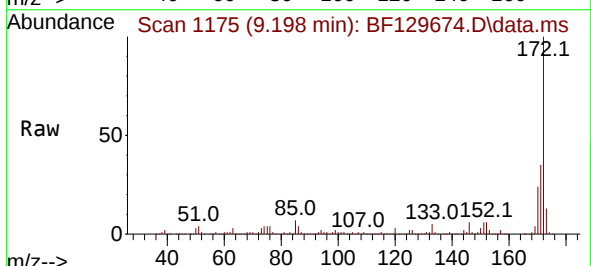
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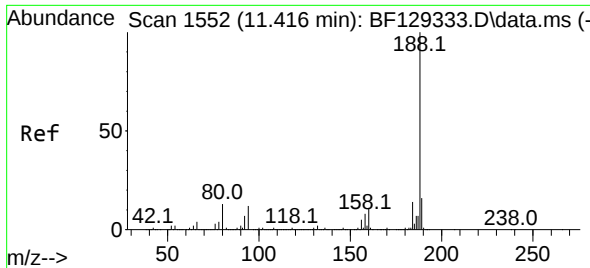
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 72.141 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

Tgt Ion: 172 Resp: 1558897
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8





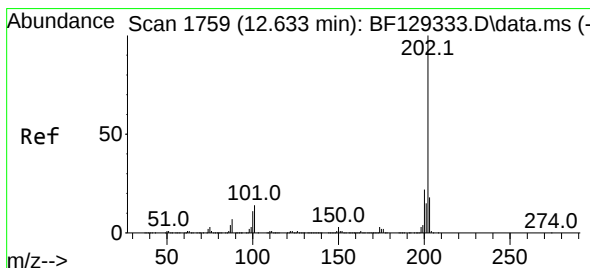
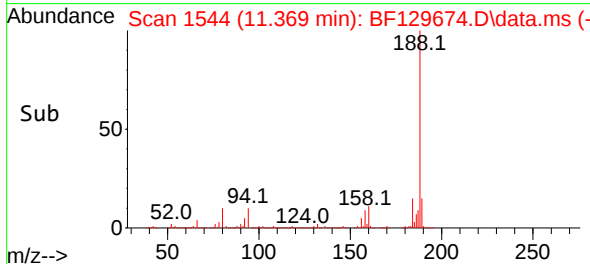
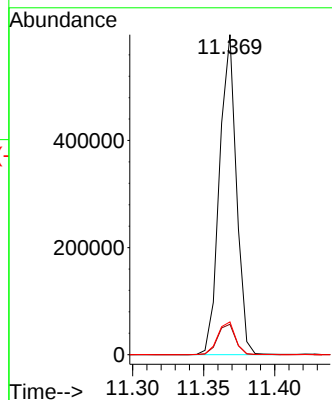
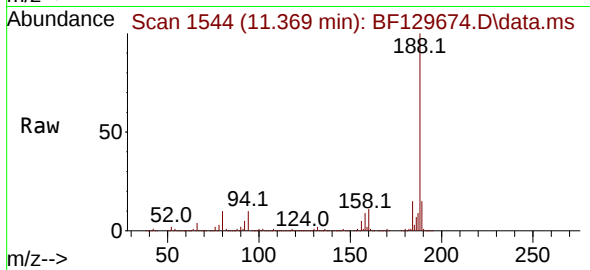
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

Instrument :
BNA_F
ClientSampleId :
RVE-219

Tgt Ion:188 Resp: 494208
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.6 11.4

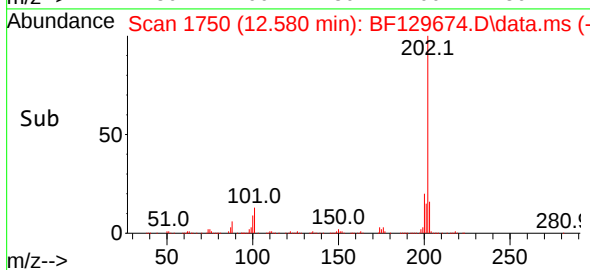
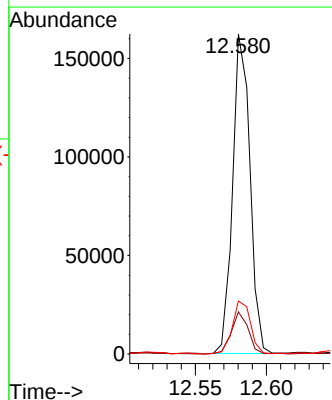
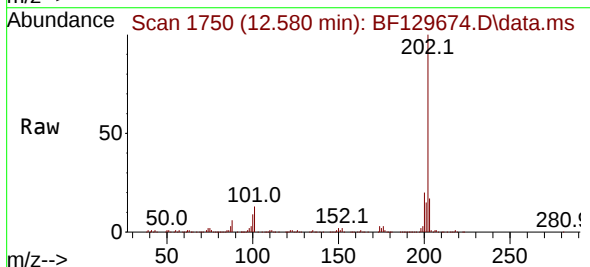
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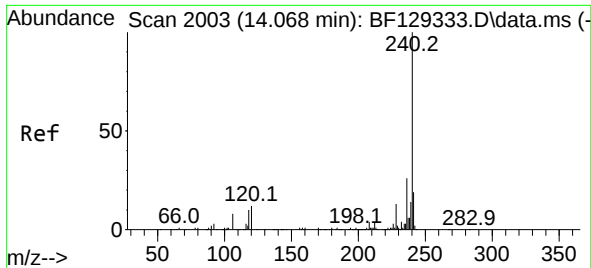
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#75
Fluoranthene
Concen: 5.047 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

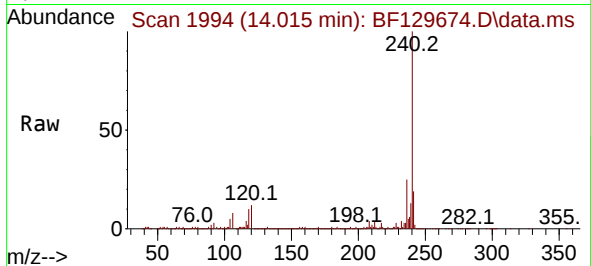
Tgt Ion:202 Resp: 137945
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 16.5 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

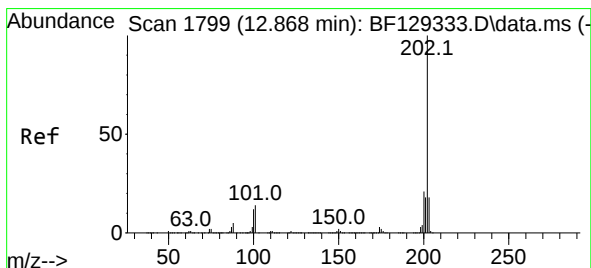
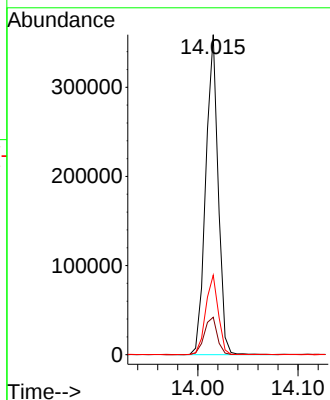
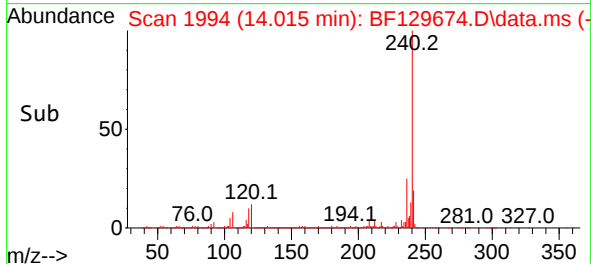
Instrument :
BNA_F
ClientSampleId :
RVE-219



Tgt Ion:240 Resp: 31015
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 24.9 20.8 31.2

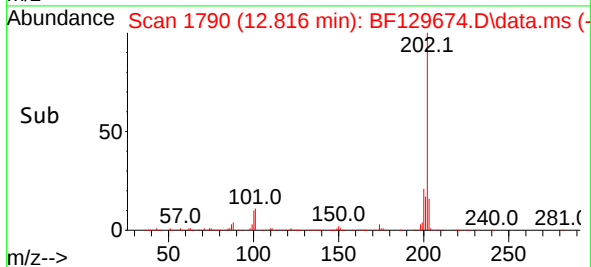
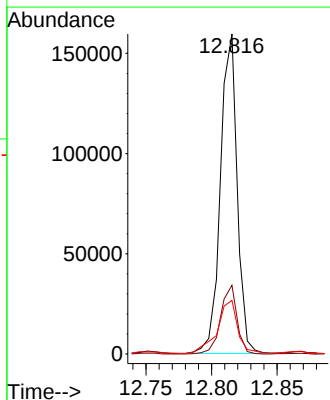
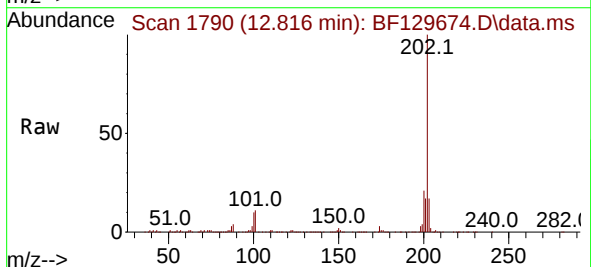
Manual Integrations
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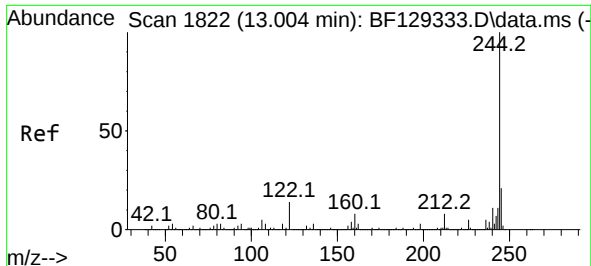
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#78
Pyrene
Concen: 5.436 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

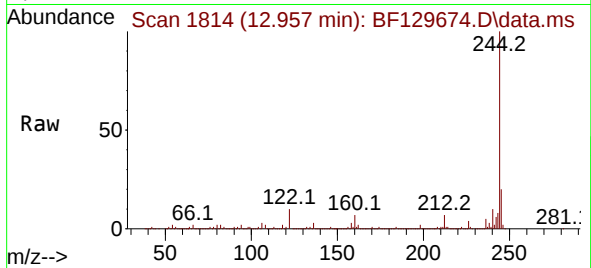
Tgt Ion:202 Resp: 140987
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 16.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 76.162 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129674.D
 Acq: 09 Aug 2022 19:28

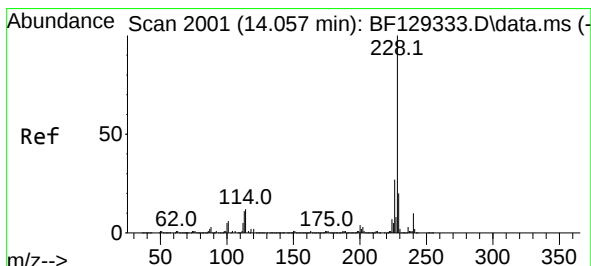
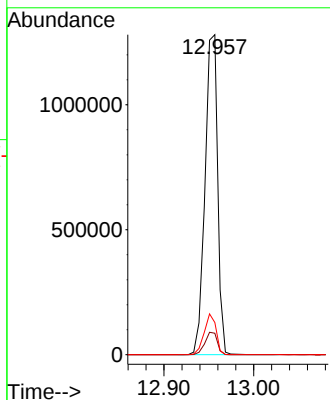
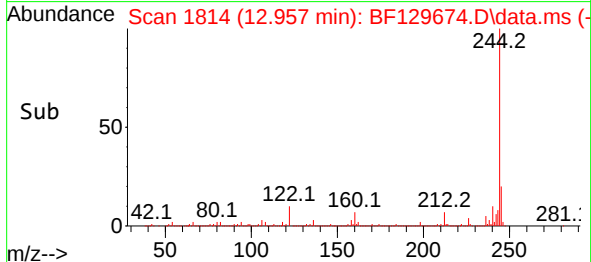
Instrument :
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 RVE-219



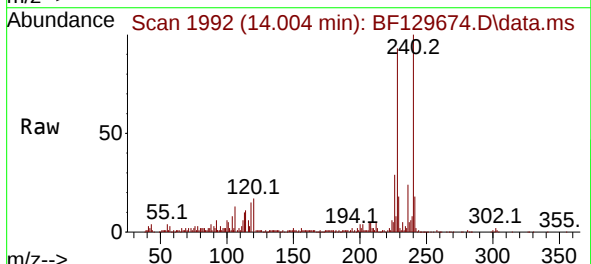
Tgt Ion:244 Resp: 125209
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.1 8.8 13.2

Manual Integrations
 APPROVED

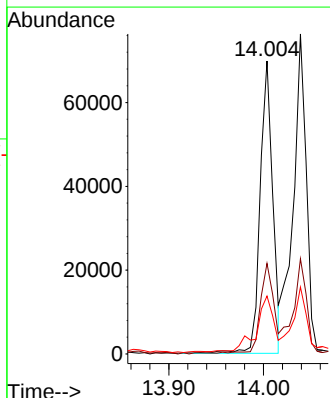
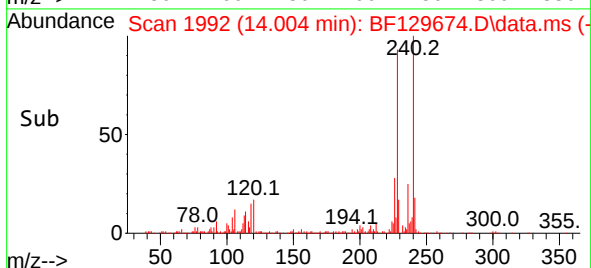
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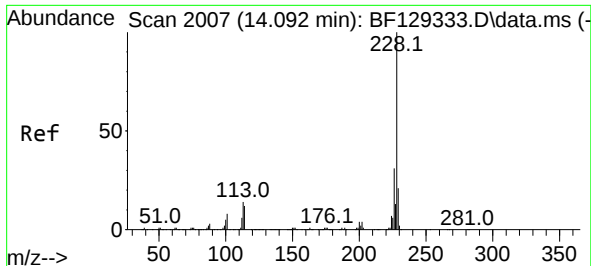


#81
 Benzo(a)anthracene
 Concen: 3.047 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129674.D
 Acq: 09 Aug 2022 19:28



Tgt Ion:228 Resp: 64551
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.1 33.1
 229 19.8 15.8 23.8





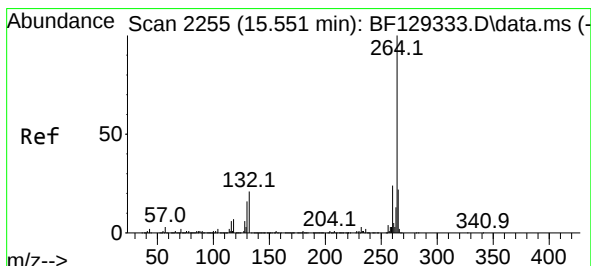
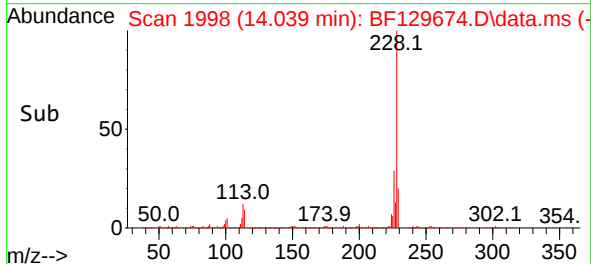
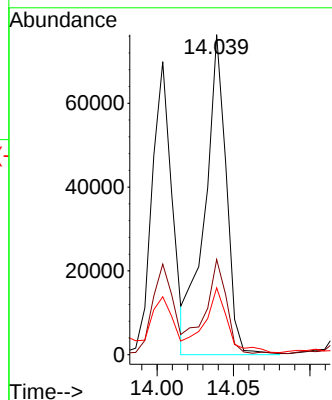
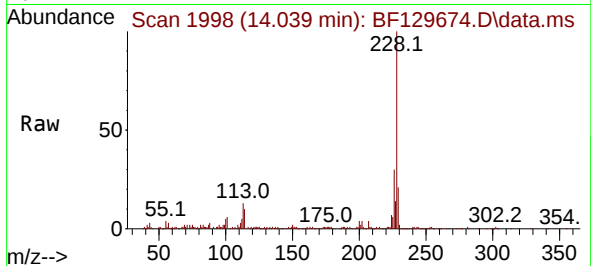
#83
Chrysene
Concen: 3.733 ng m
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

Instrument :
BNA_F
ClientSampleId :
RVE-219

Tgt Ion:228 Resp: 74540
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 20.9 15.9 23.9

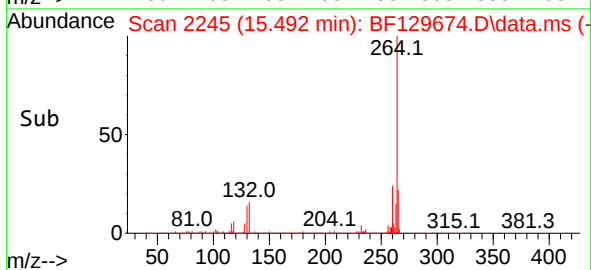
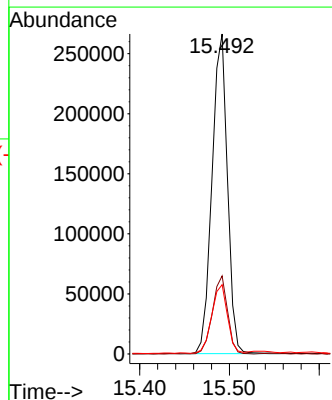
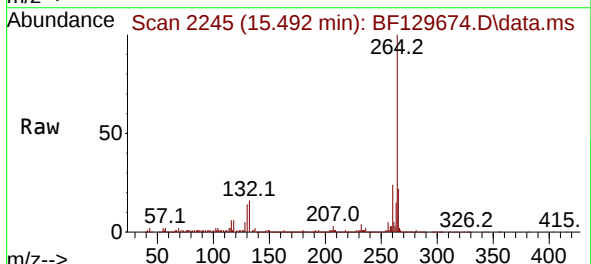
Manual Integrations
APPROVED

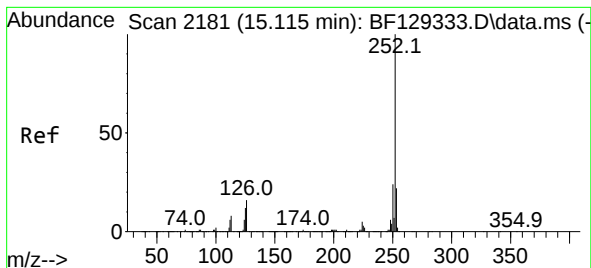
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129674.D
Acq: 09 Aug 2022 19:28

Tgt Ion:264 Resp: 317577
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 4.996 ng m

RT: 15.057 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF129674.D

Acq: 09 Aug 2022 19:28

Instrument :

BNA_F

ClientSampleId :

RVE-219

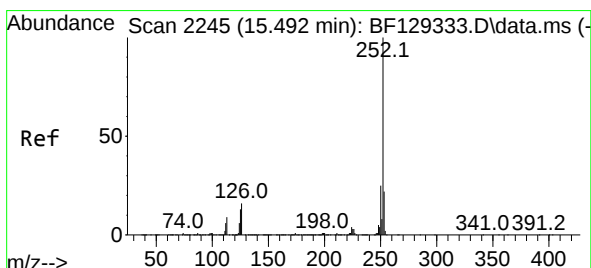
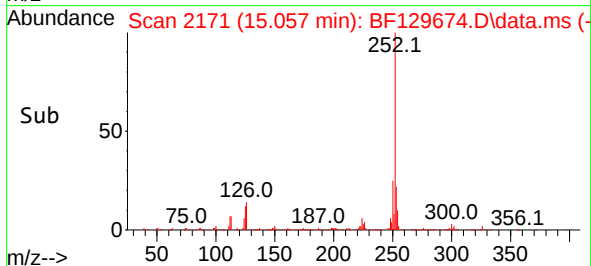
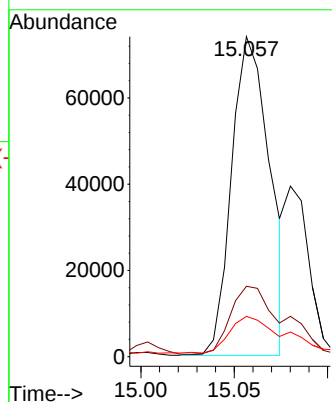
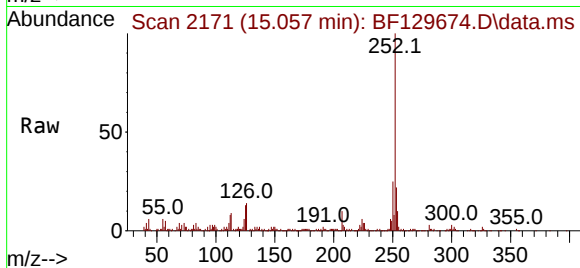
Tgt Ion:252 Resp: 10525
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 12.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#90

Benzo(a)pyrene

Concen: 4.102 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF129674.D

Acq: 09 Aug 2022 19:28

Tgt Ion:252 Resp: 70144
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.0 25.6
 125 13.2 8.8 13.2

