

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129675.D
 Acq On : 09 Aug 2022 20:02
 Operator : CG\JU
 Sample : N3963-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-219D

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:33:56 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	178464	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	691006	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	337944	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	484285	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	305403	20.000	ng	-0.01
86) Perylene-d12	15.492	264	312542	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1134715	103.575	ng	0.00
7) Phenol-d6	6.493	99	1437571	104.396	ng	-0.01
23) Nitrobenzene-d5	7.410	82	901450	71.213	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	325370	100.142	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1591626	72.857	ng	-0.01
79) Terphenyl-d14	12.957	244	1221856	75.478	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	115553	4.314	ng	98
78) Pyrene	12.816	202	110311	4.319	ng	95
81) Benzo(a)anthracene	14.004	228	57003	2.732	ng	96
83) Chrysene	14.039	228	56686	2.883	ng	97
88) Benzo(b)fluoranthene	15.057	252	95683m	4.615	ng	
90) Benzo(a)pyrene	15.427	252	60833	3.615	ng	# 96

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

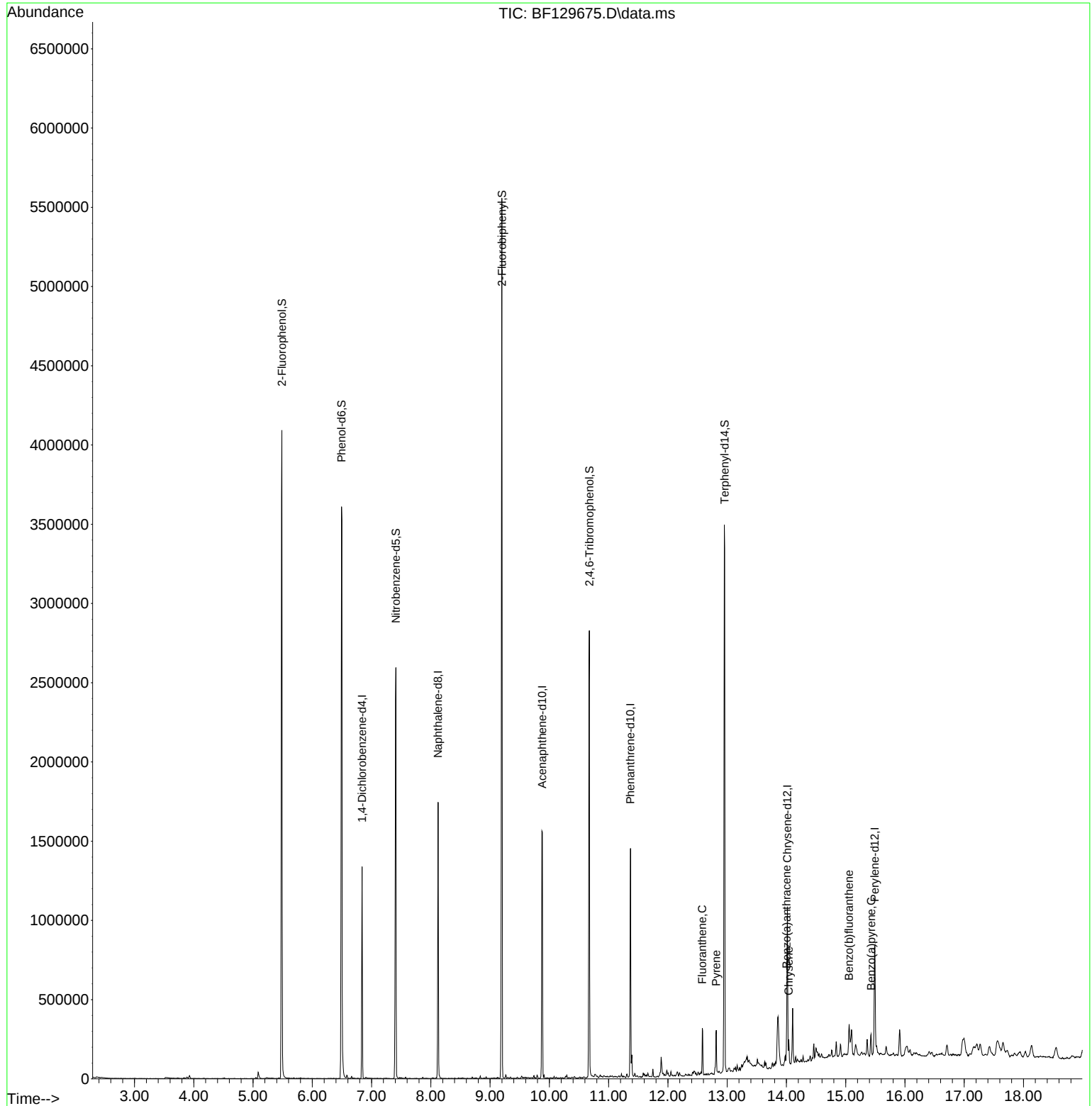
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129675.D
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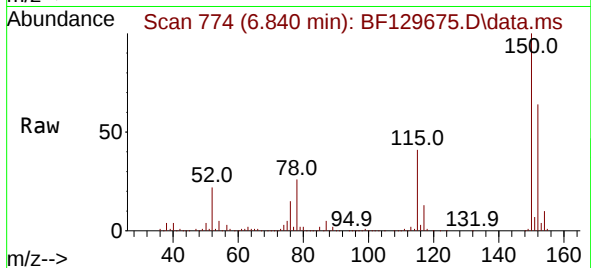
Quant Time: Aug 10 05:33:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

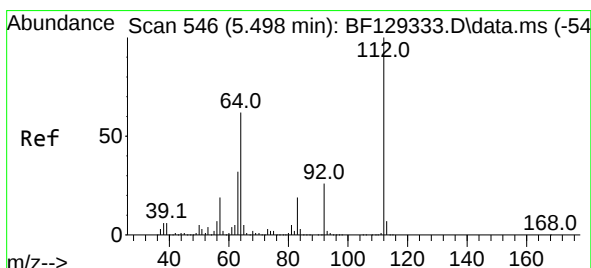
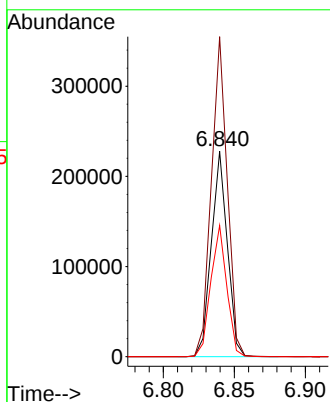
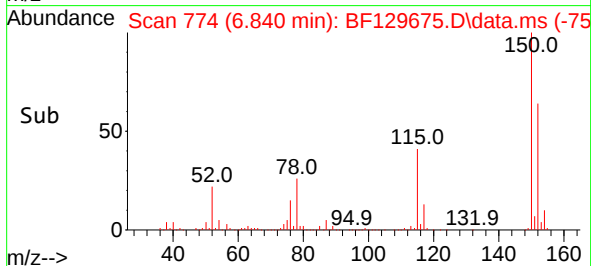
Instrument :
BNA_F
ClientSampleId :
RVE-219D



Tgt Ion:152 Resp: 178464
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 63.9 49.9 74.9

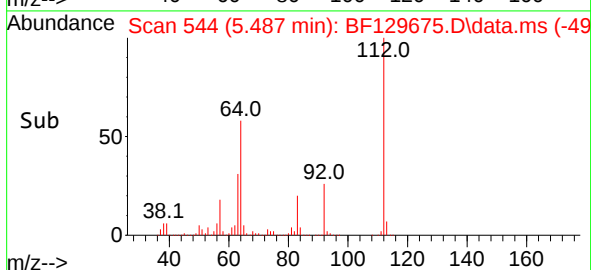
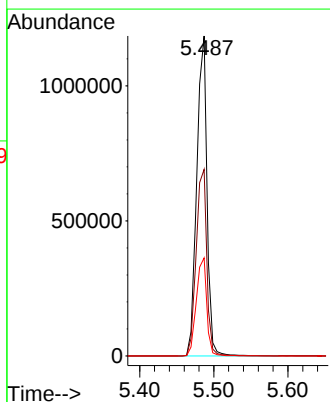
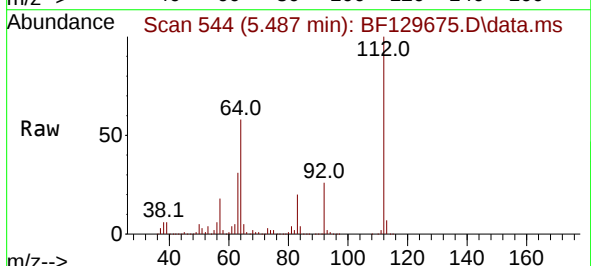
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Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 103.575 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

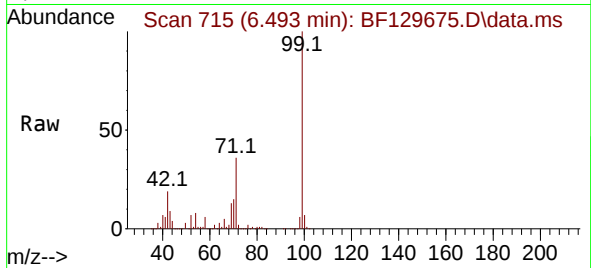
Tgt Ion:112 Resp: 1134715
Ion Ratio Lower Upper
112 100
64 58.3 53.3 79.9
63 30.7 28.0 42.0





#7
Phenol-d6
Concen: 104.396 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

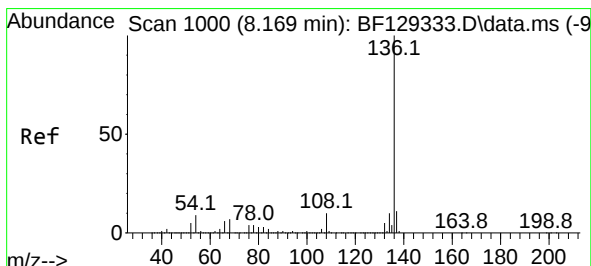
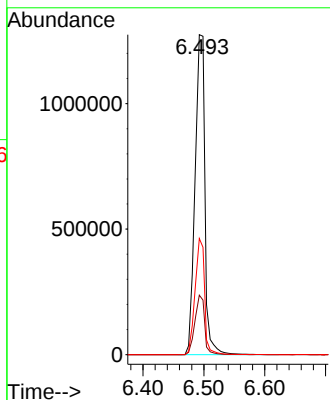
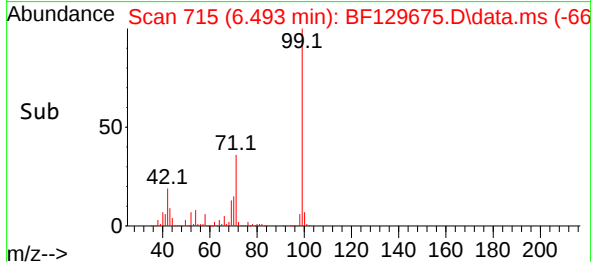
Instrument :
BNA_F
ClientSampleId :
RVE-219D



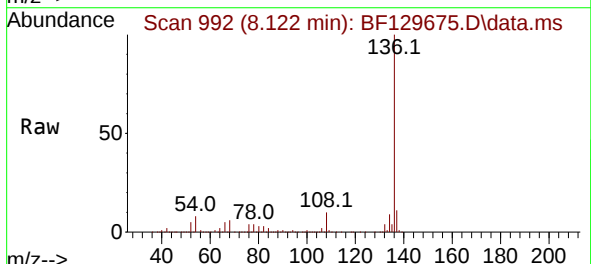
Tgt Ion: 99 Resp: 143757
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.3 28.9 43.3

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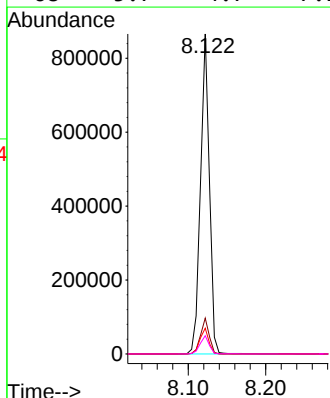
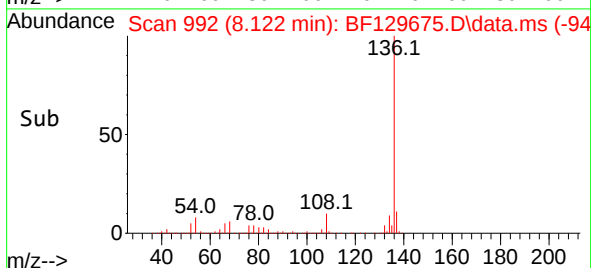
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02



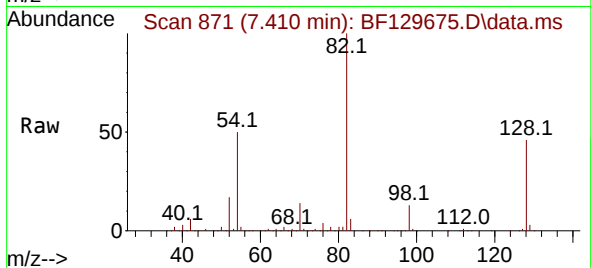
Tgt Ion:136 Resp: 691006
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 71.213 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

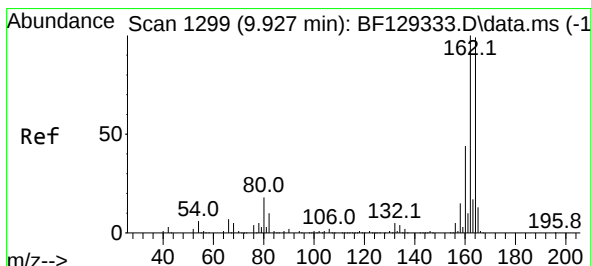
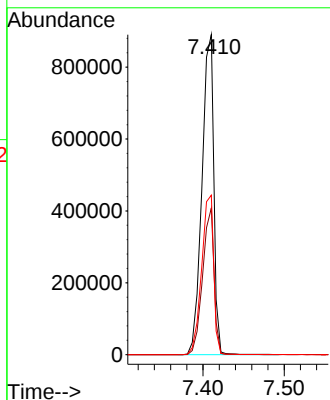
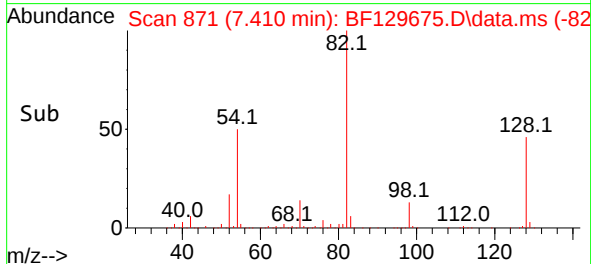
Instrument :
BNA_F
ClientSampleId :
RVE-219D



Tgt Ion: 82 Resp: 901450
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.9 46.9 70.3

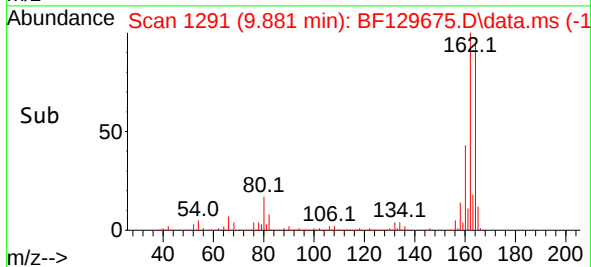
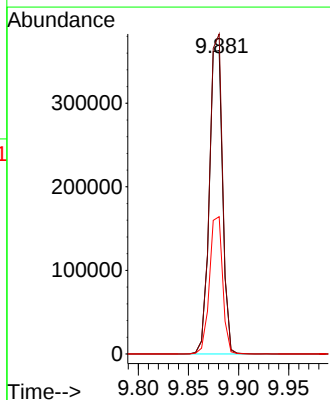
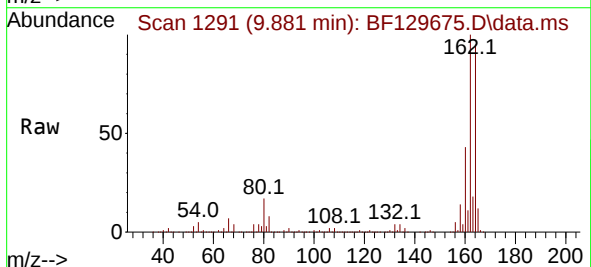
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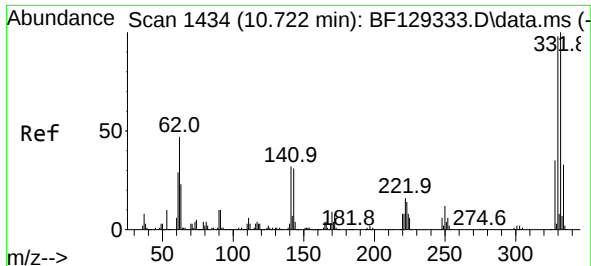
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

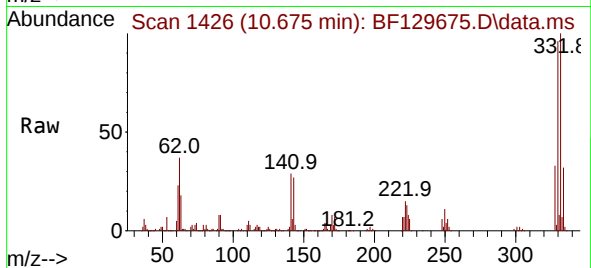
Tgt Ion:164 Resp: 337944
Ion Ratio Lower Upper
164 100
162 105.5 79.5 119.3
160 45.2 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 100.142 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

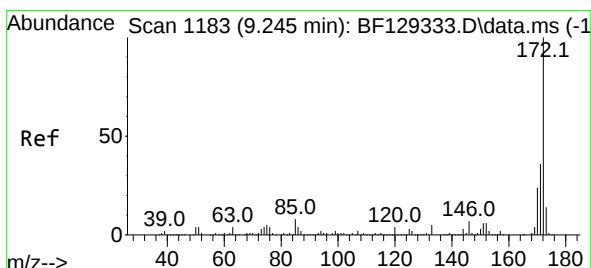
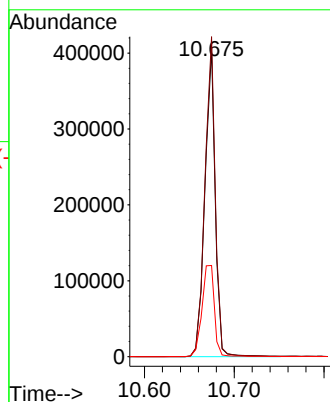
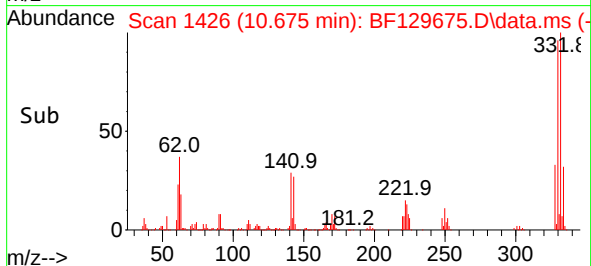
Instrument :
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ClientSampleId :
RVE-219D



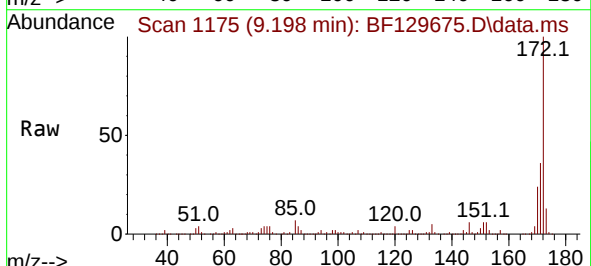
Tgt Ion: 330 Resp: 325370
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 35.8 28.0 42.0

Manual Integrations
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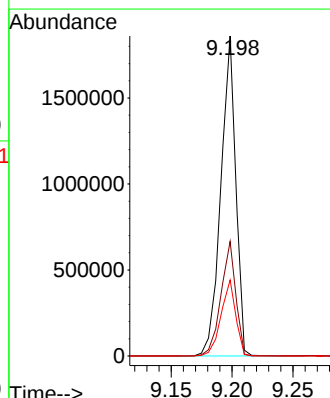
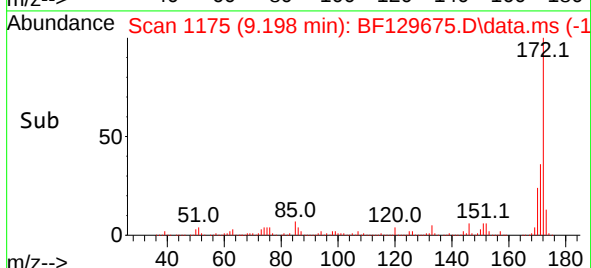
Reviewed By : Christian Giraldo 08/10/2022
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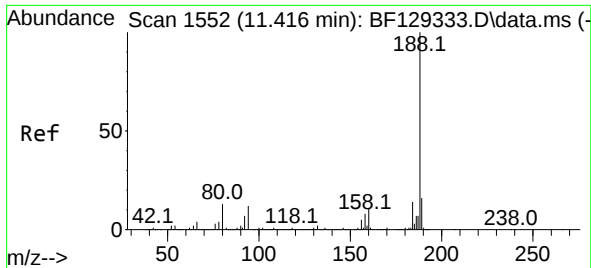


#45
2-Fluorobiphenyl
Concen: 72.857 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02



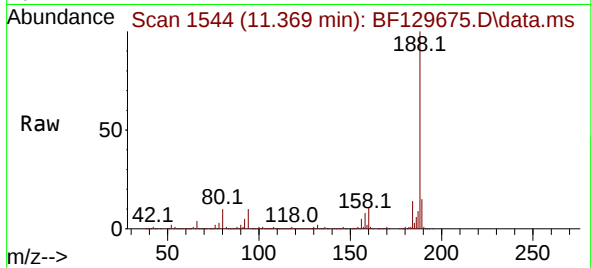
Tgt Ion: 172 Resp: 1591626
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

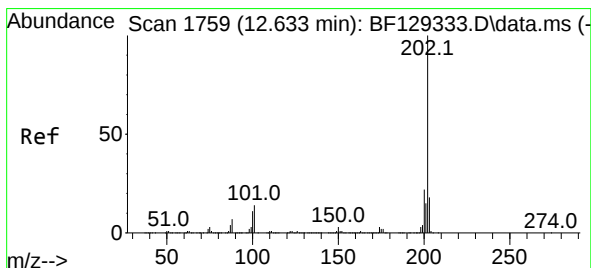
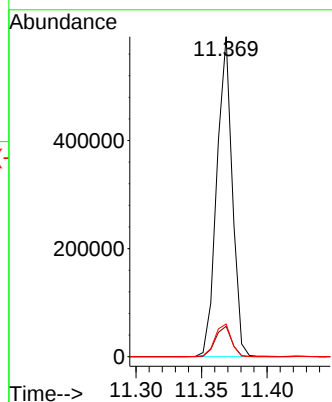
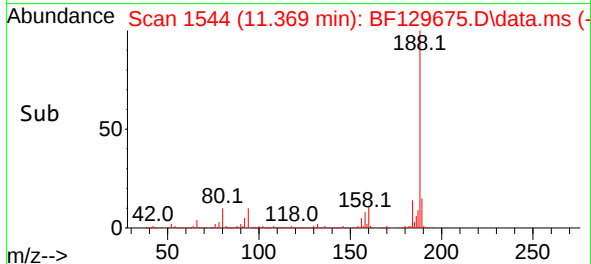
Instrument :
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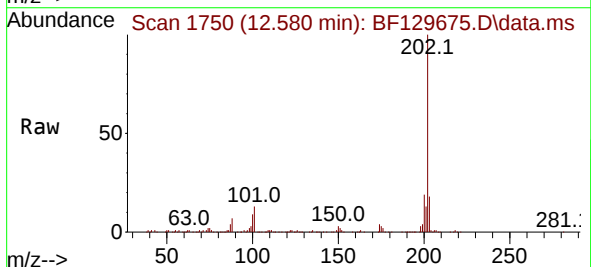
Tgt Ion:188 Resp: 484285
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.6 11.4

Manual Integrations
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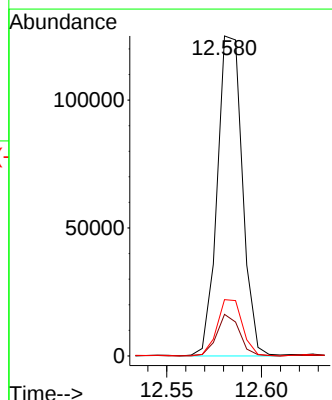
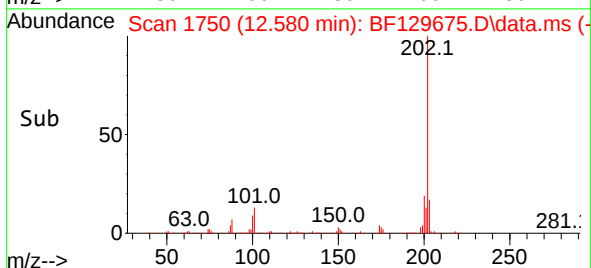
Reviewed By :Christian Giraldo 08/10/2022
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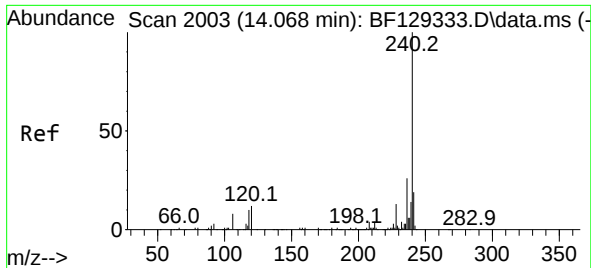


#75
Fluoranthene
Concen: 4.314 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02



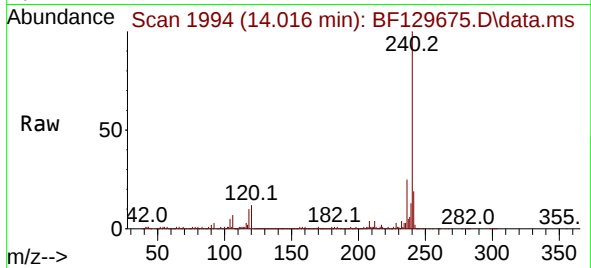
Tgt Ion:202 Resp: 115553
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

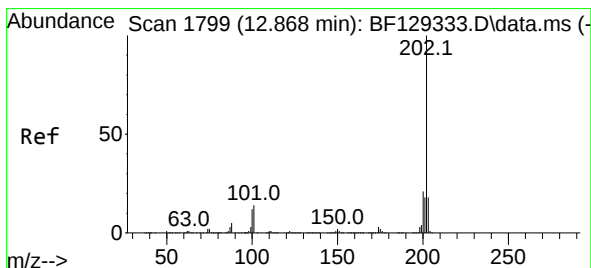
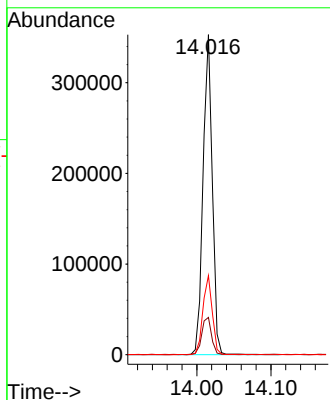
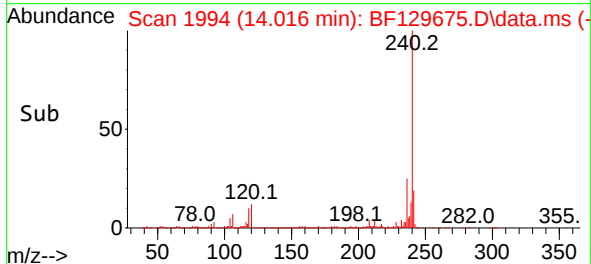
Instrument :
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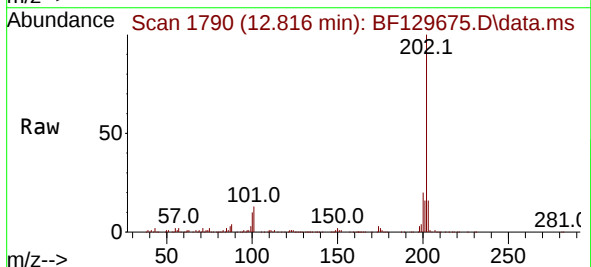
Tgt Ion:240 Resp: 30540
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 24.7 20.8 31.2

Manual Integrations
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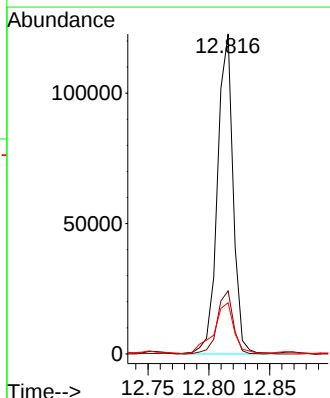
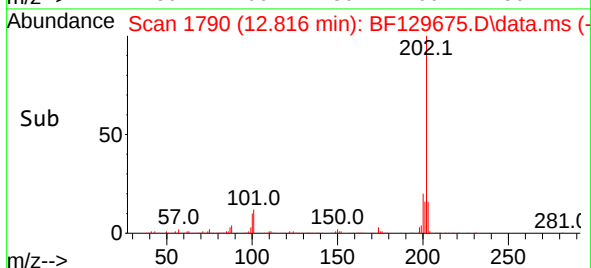
Reviewed By :Christian Giraldo 08/10/2022
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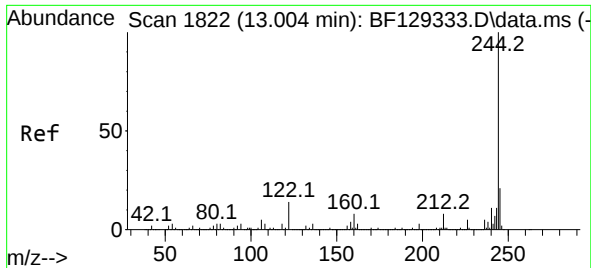


#78
Pyrene
Concen: 4.319 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02



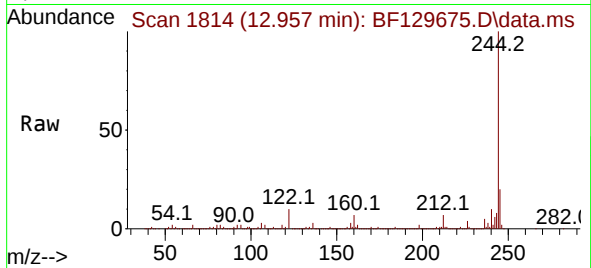
Tgt Ion:202 Resp: 110311
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 16.0 14.6 21.8





#79
Terphenyl-d14
Concen: 75.478 ng
RT: 12.957 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

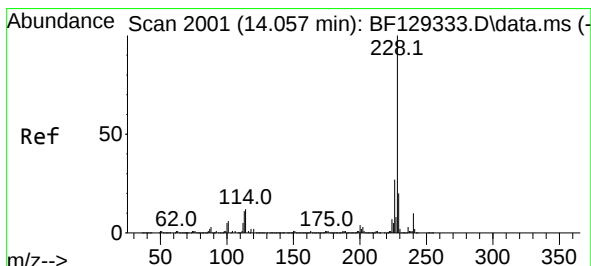
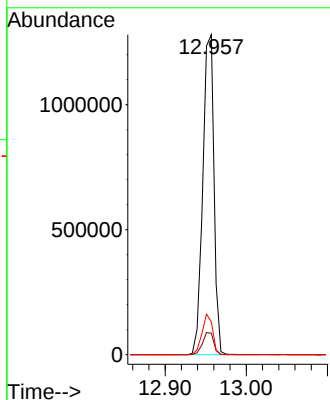
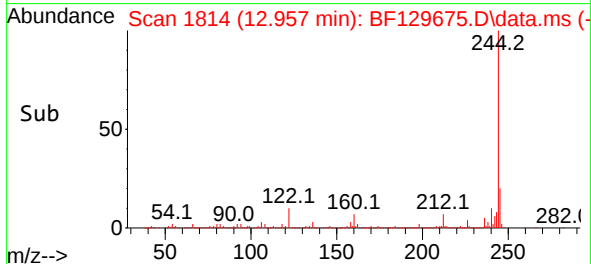
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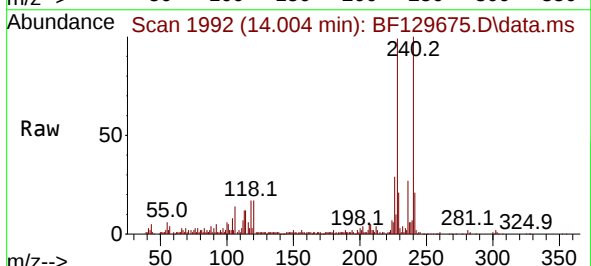
Tgt Ion:244 Resp: 1221850
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 10.3 8.8 13.2

Manual Integrations
APPROVED

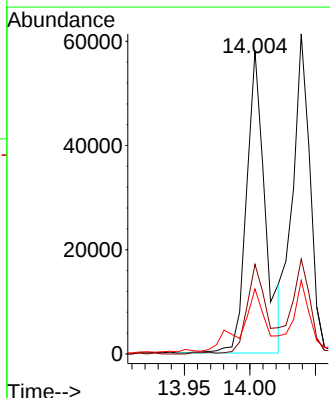
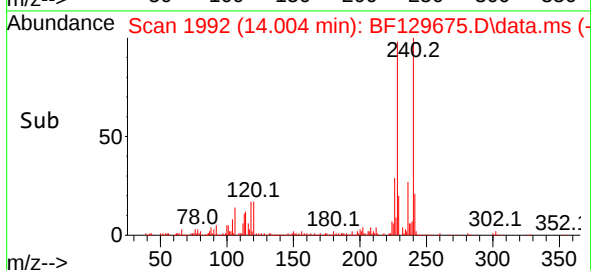
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

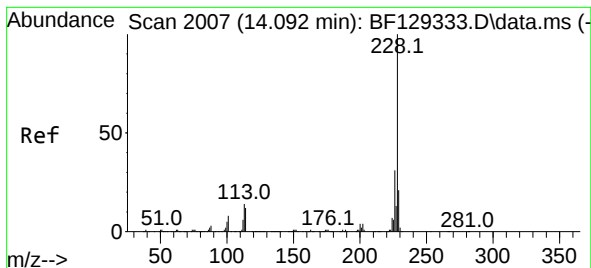


#81
Benzo(a)anthracene
Concen: 2.732 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02



Tgt Ion:228 Resp: 57003
Ion Ratio Lower Upper
228 100
226 29.5 22.1 33.1
229 21.4 15.8 23.8





#83

Chrysene

Concen: 2.883 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.018 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

RVE-219D

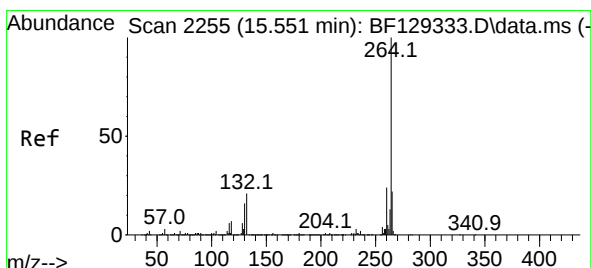
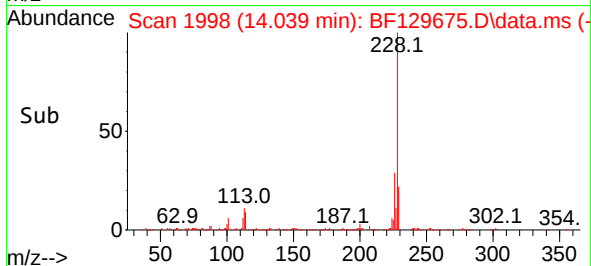
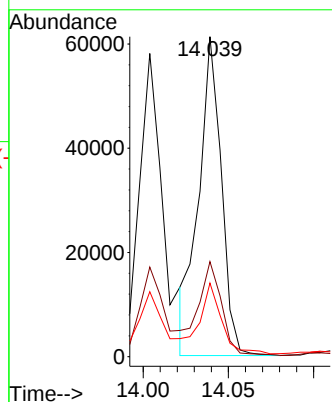
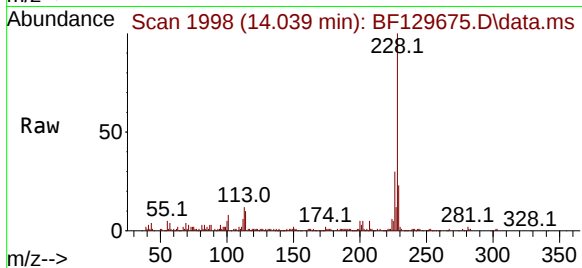
Tgt Ion:228	Resp: 56680
Ion Ratio	Lower Upper
228 100	
226 29.7	24.3 36.5
229 23.0	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#86

Perylene-d12

Concen: 20.000 ng

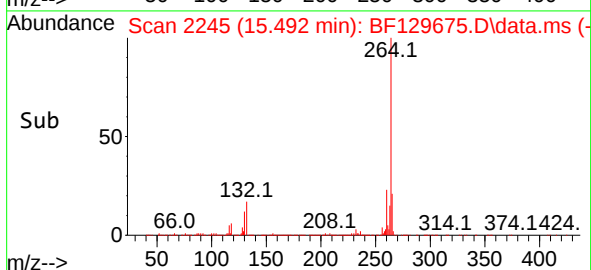
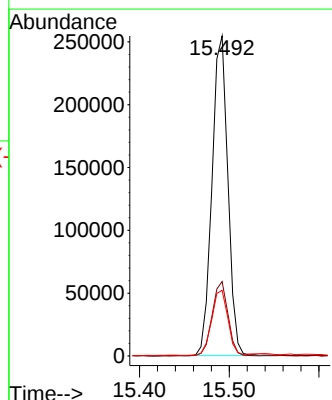
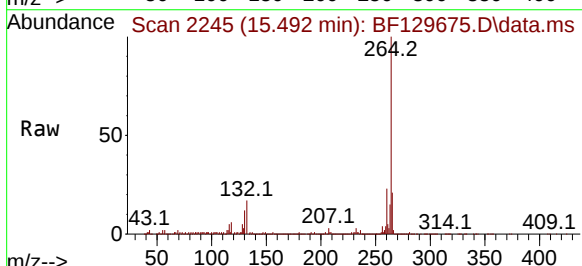
RT: 15.492 min Scan# 2245

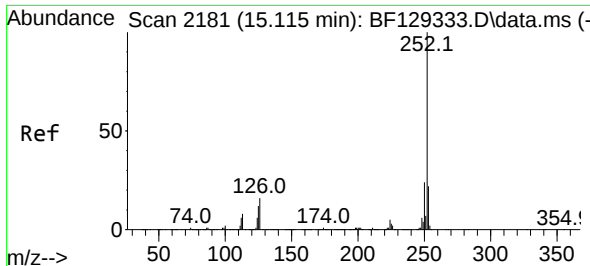
Delta R.T. -0.012 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

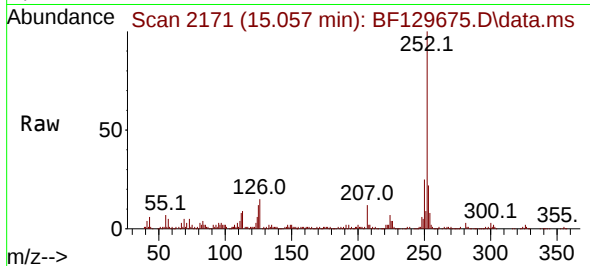
Tgt Ion:264	Resp: 312542
Ion Ratio	Lower Upper
264 100	
260 23.3	18.4 27.6
265 20.5	17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 4.615 ng m
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

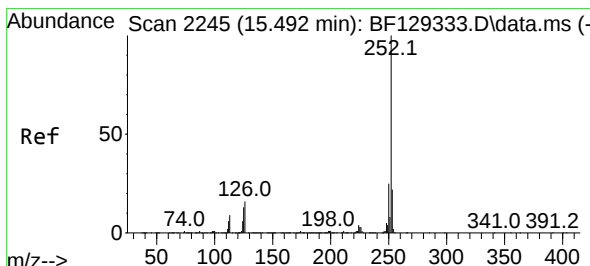
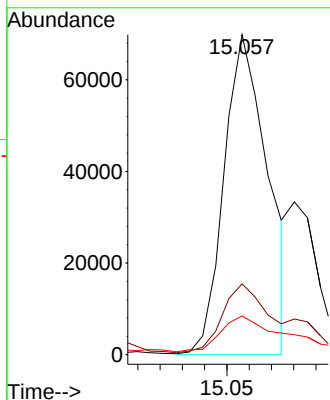
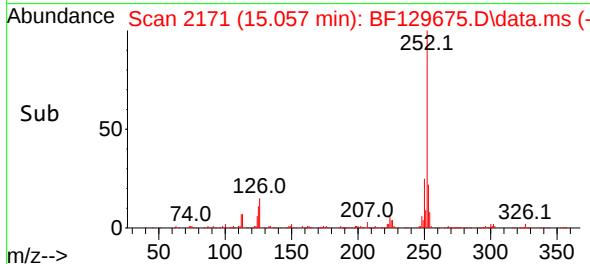
Instrument :
BNA_F
ClientSampleId :
RVE-219D



Tgt Ion:252 Resp: 95683
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.1 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: 3.615 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:252 Resp: 60833
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.7 8.8 13.2

