

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129612.D
 Acq On : 05 Aug 2022 21:50
 Operator : CG\JU
 Sample : N3961-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-169

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 02:02:41 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	6.845	152	174814	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	680924	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	325838	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	461050	20.00	ng	#-0.01
76) Chrysene-d12	14.015	240	298955	20.00	ng	-0.01
86) Perylene-d12	15.492	264	330239	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	990529	92.30	ng	0.00
7) Phenol-d6	6.492	99	1240826	91.99	ng	-0.01
23) Nitrobenzene-d5	7.410	82	783103	62.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	265798	84.85	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1372256	65.15	ng	0.00
79) Terphenyl-d14	12.957	244	982907	62.03	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	98086	3.85	ng	99
78) Pyrene	12.816	202	101456	4.06	ng	99
83) Chrysene	14.039	228	57385	2.98	ng	97
88) Benzo(b)fluoranthene	15.057	252	81176m	3.71	ng	
90) Benzo(a)pyrene	15.427	252	50963	2.87	ng	# 97

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

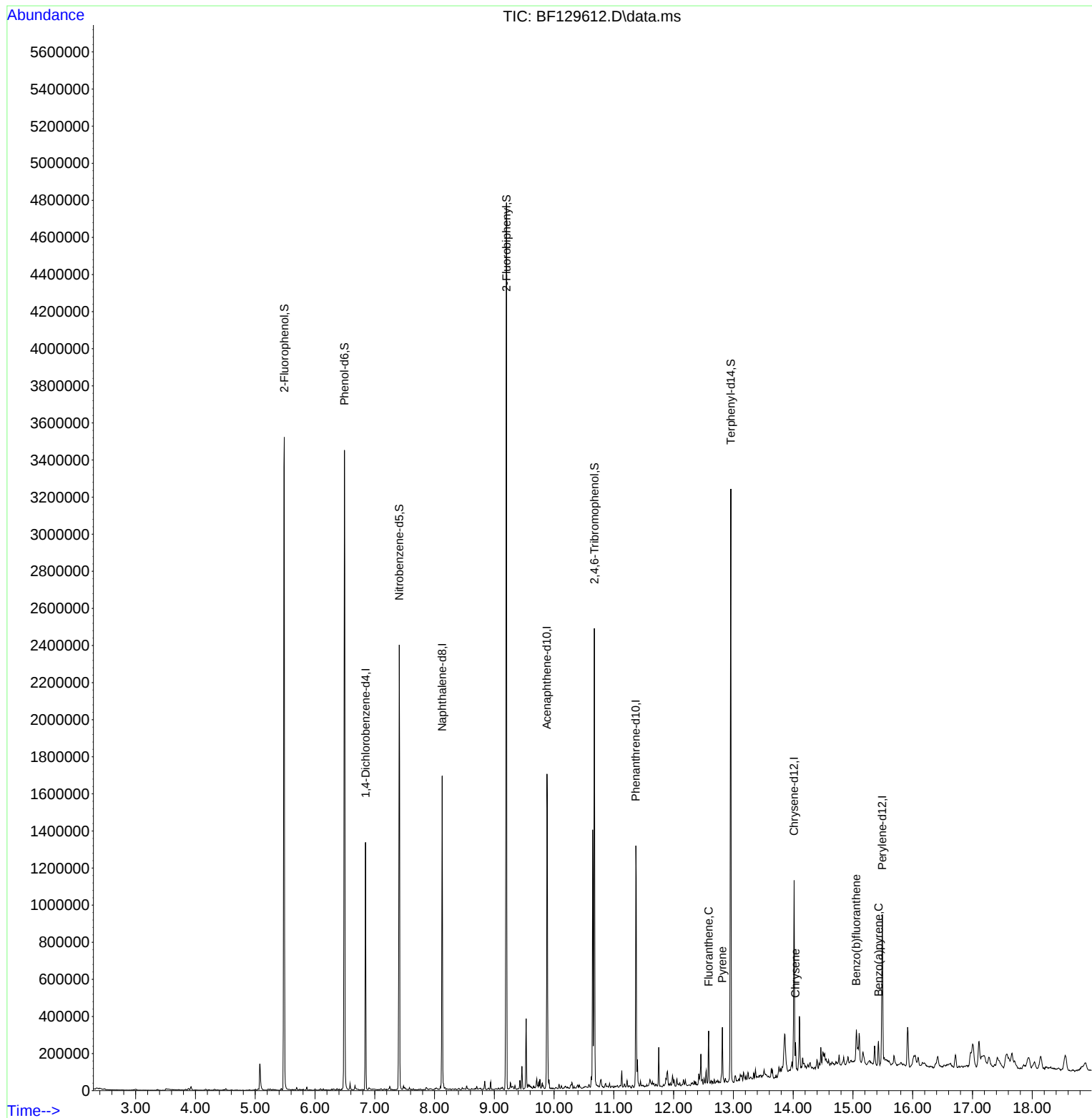
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129612.D
Acq On : 05 Aug 2022 21:50
Operator : CG\JU
Sample : N3961-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

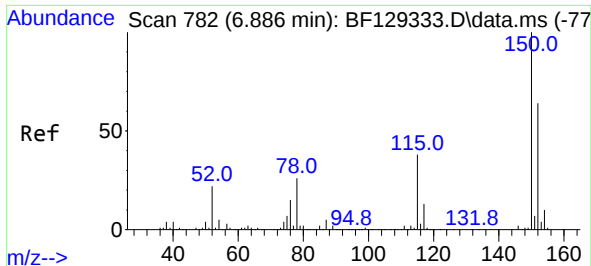
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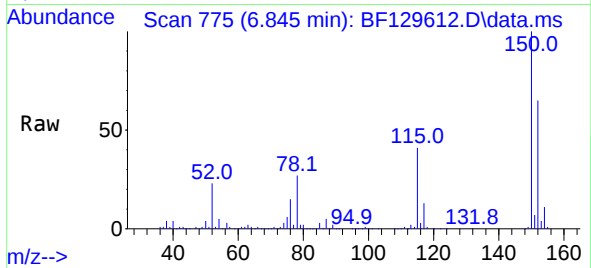
Quant Time: Aug 08 02:02:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

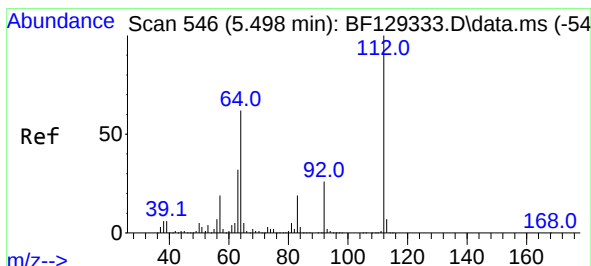
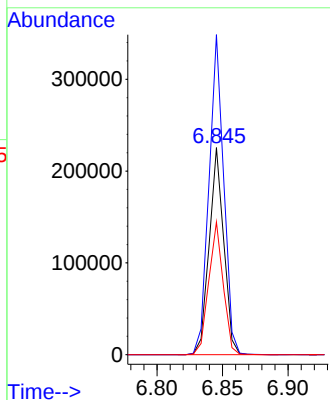
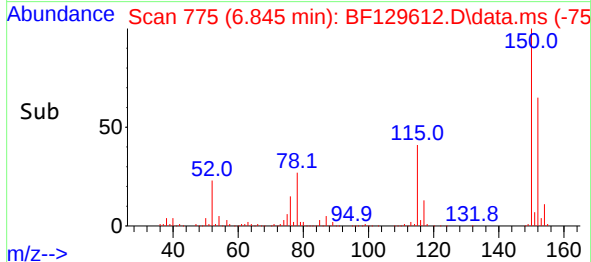
Instrument :
BNA_F
ClientSampleId :
RVE-169



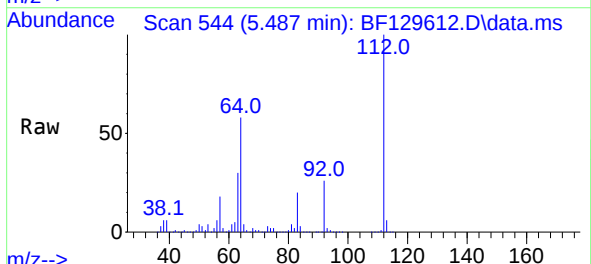
Tgt Ion:152 Resp: 174814
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 64.1 49.9 74.9

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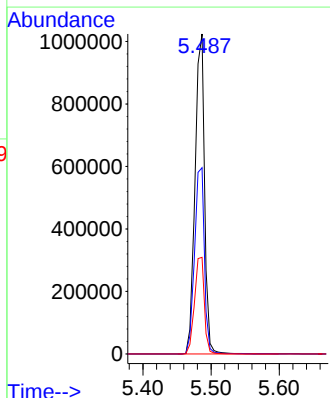
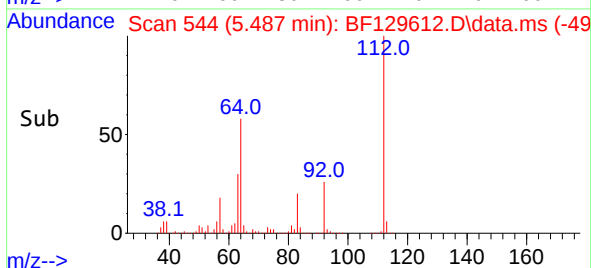
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

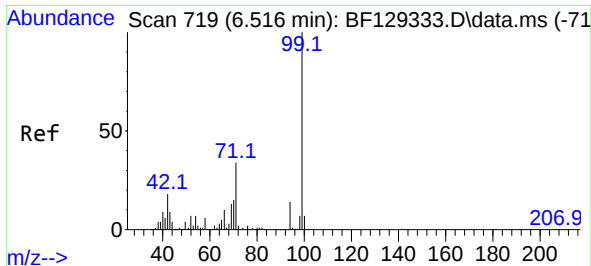


#5
2-Fluorophenol
Concen: 92.30 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50



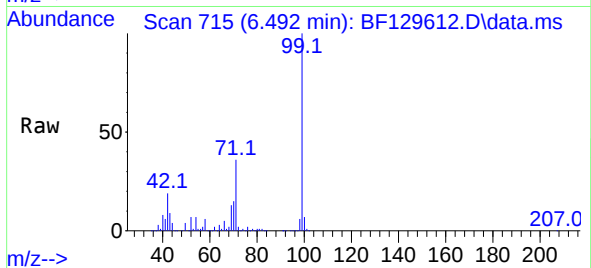
Tgt Ion:112 Resp: 990529
Ion Ratio Lower Upper
112 100
64 58.2 53.3 79.9
63 30.2 28.0 42.0





#7
Phenol-d6
Concen: 91.99 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

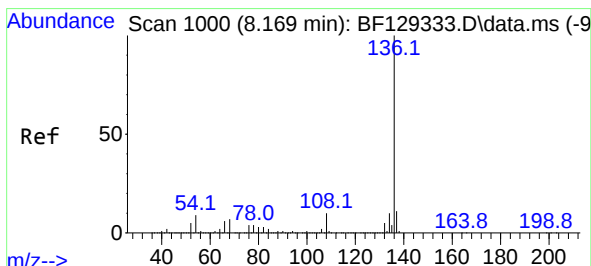
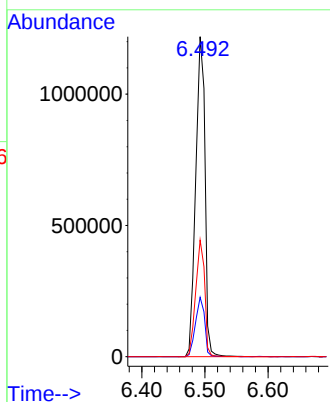
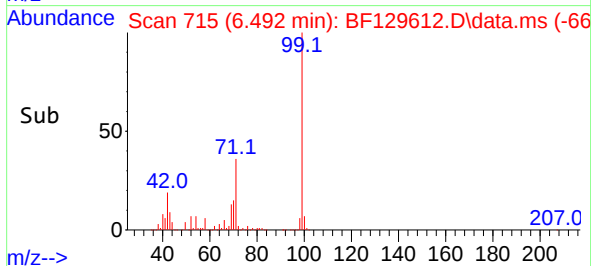
Instrument :
BNA_F
ClientSampleId :
RVE-169



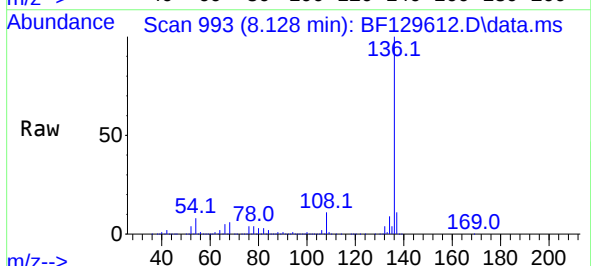
Tgt Ion: 99 Resp: 1240820
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.4 28.9 43.3

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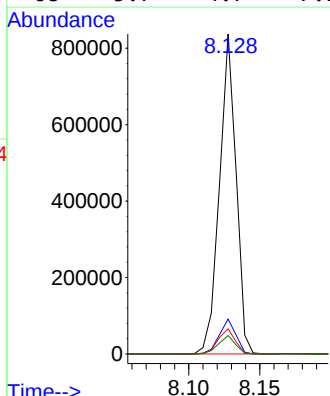
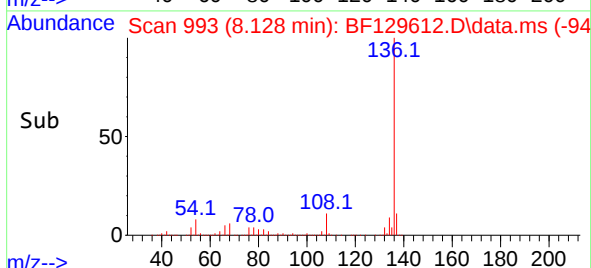
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

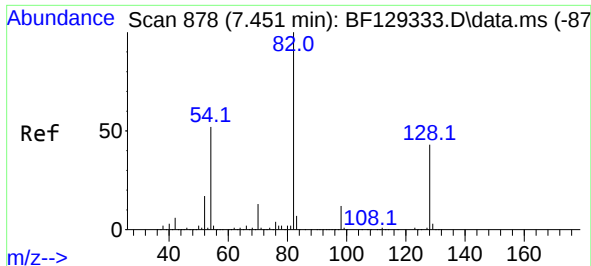


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50



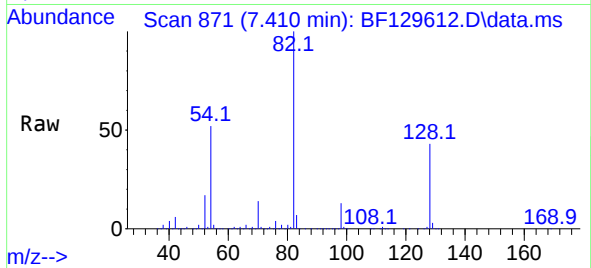
Tgt Ion:136 Resp: 680924
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 62.78 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

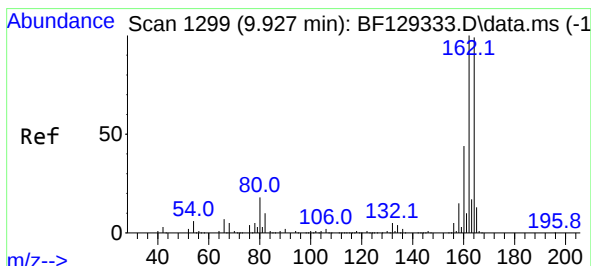
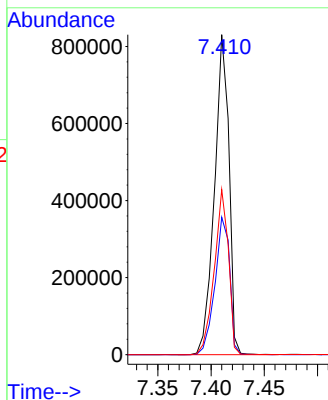
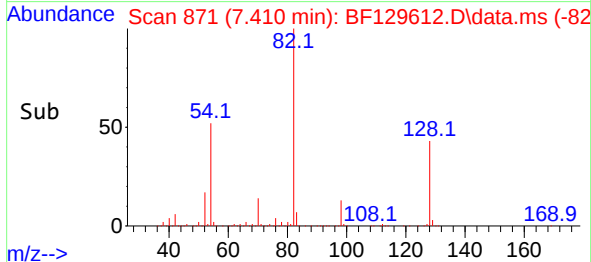
Instrument :
BNA_F
ClientSampleId :
RVE-169



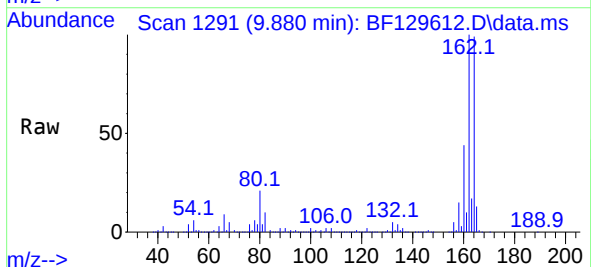
Tgt Ion: 82 Resp: 78310
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 51.6 46.9 70.3

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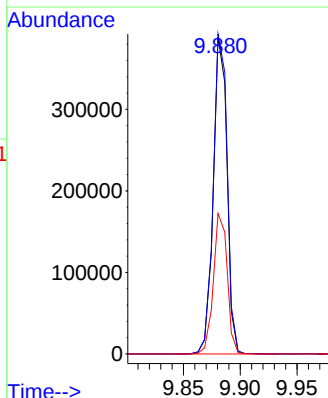
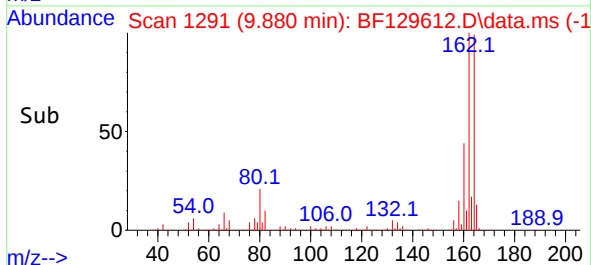
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

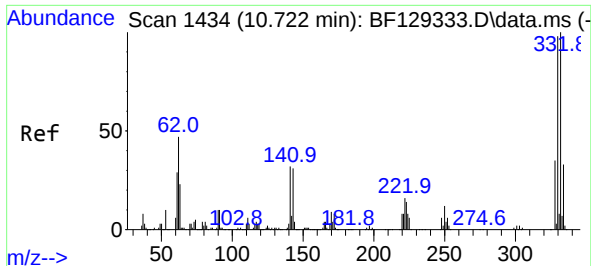


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50



Tgt Ion:164 Resp: 325838
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.3 34.2 51.4





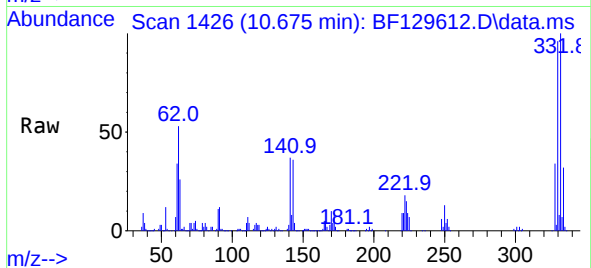
#42
2,4,6-Tribromophenol
Concen: 84.85 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

RVE-169

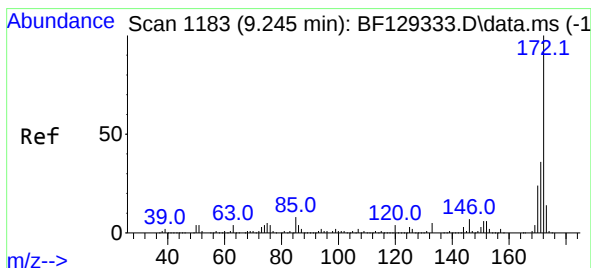
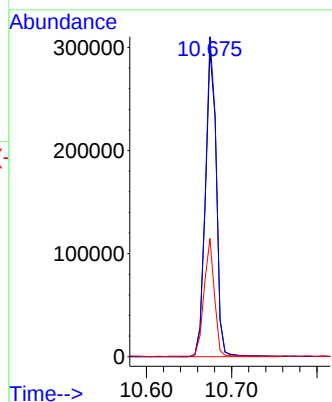
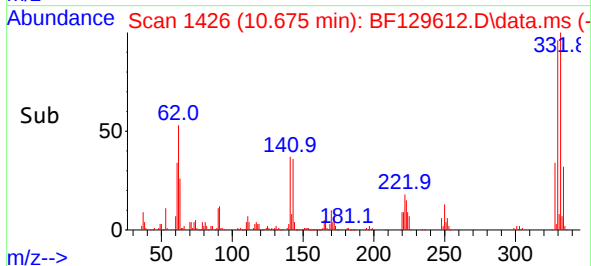


Tgt Ion:330 Resp: 265798
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 36.5 28.0 42.0

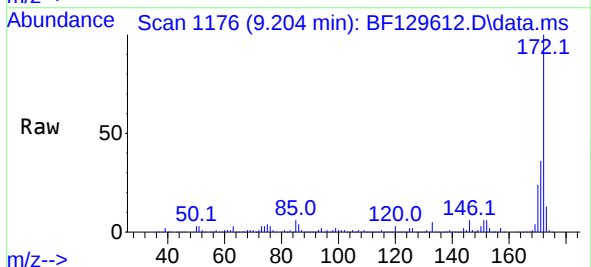
Manual Integrations

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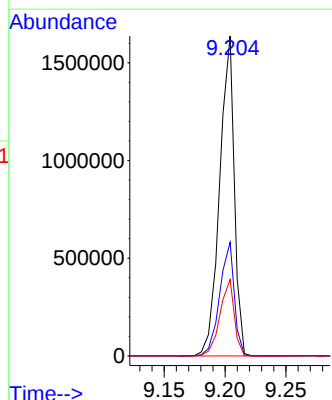
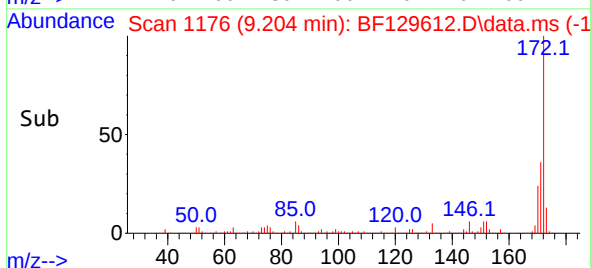
Reviewed By :Christian Giraldo 08/08/2022
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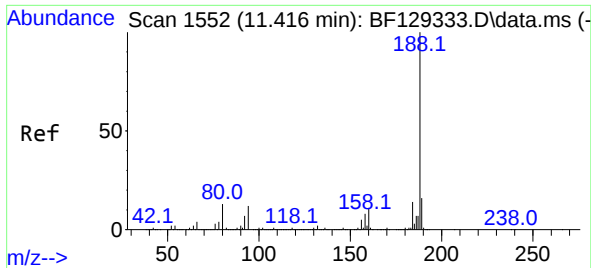


#45
2-Fluorobiphenyl
Concen: 65.15 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50



Tgt Ion:172 Resp: 1372256
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

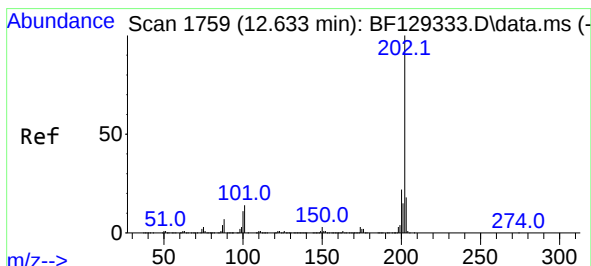
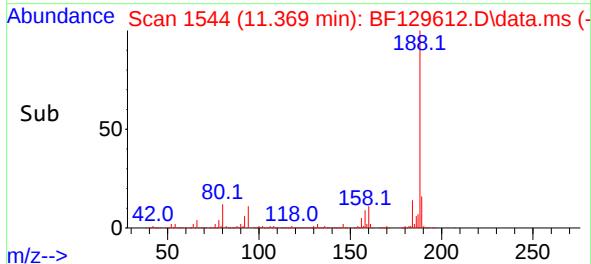
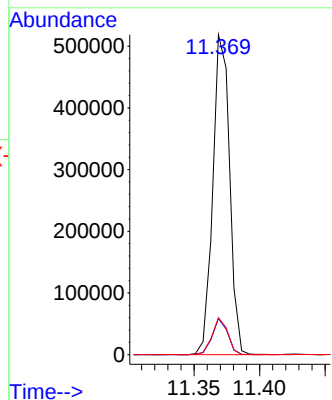
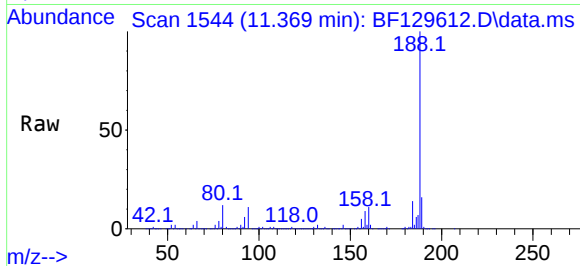
RVE-169

Tgt Ion:188 Resp: 461050
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6
80 11.6 7.6 11.4

Manual Integrations

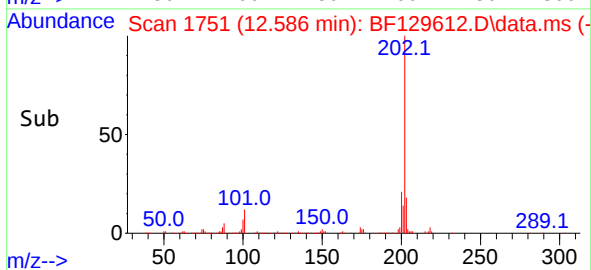
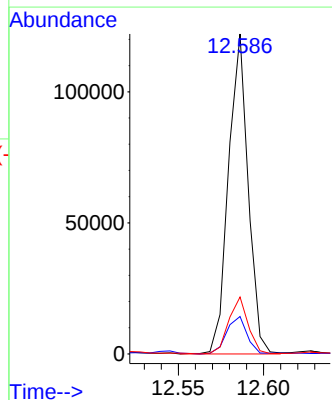
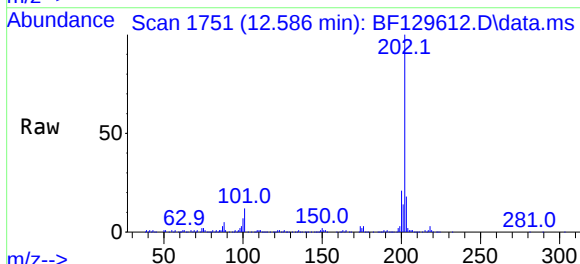
APPROVED

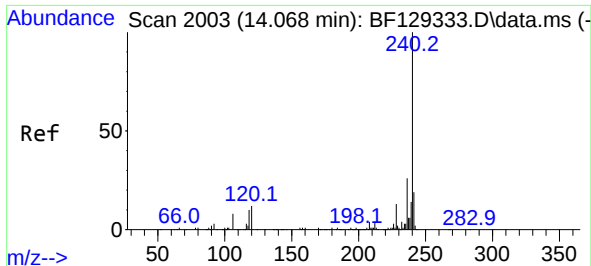
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#75
Fluoranthene
Concen: 3.85 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:202 Resp: 98086
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 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: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

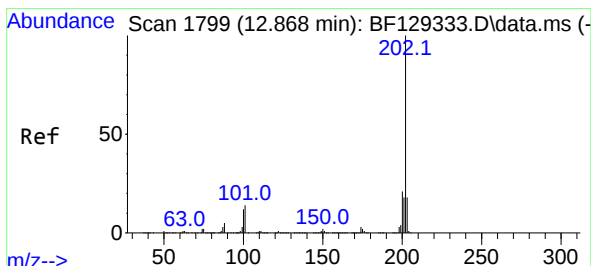
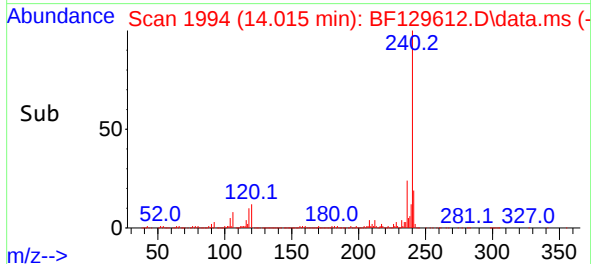
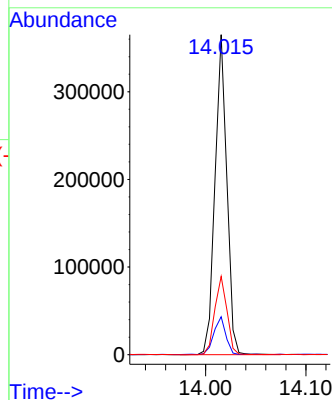
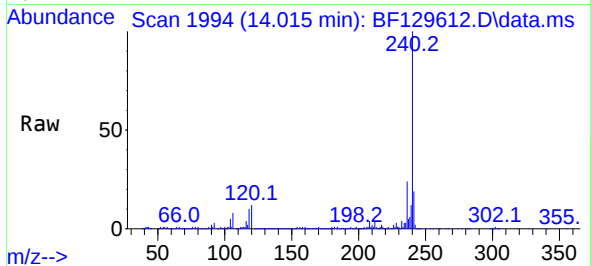
RVE-169

Tgt Ion:240 Resp: 29895
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 24.4 20.8 31.2

Manual Integrations

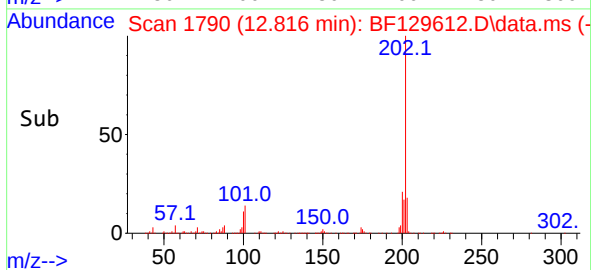
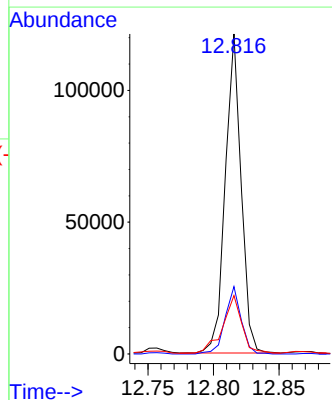
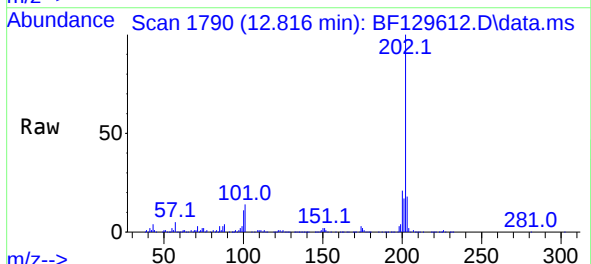
APPROVED

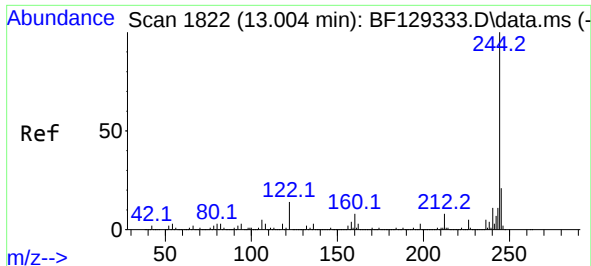
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 4.06 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

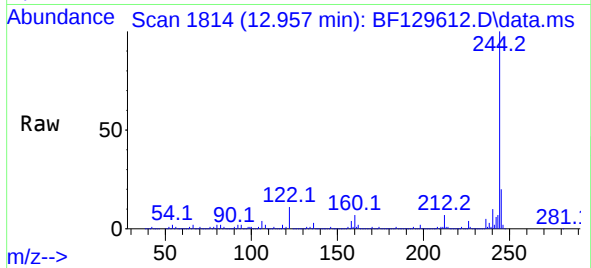
Tgt Ion:202 Resp: 101456
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 18.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 62.03 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

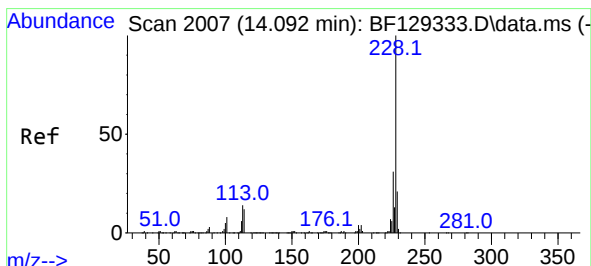
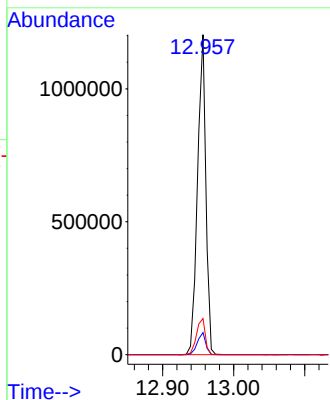
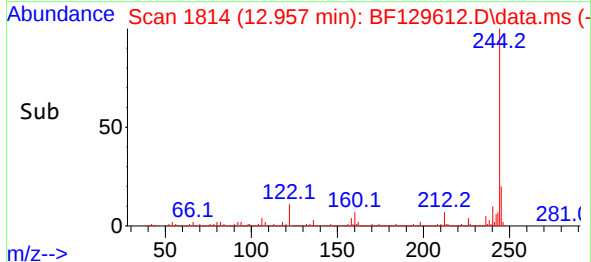
Instrument :
 BNA_F
 ClientSampleId :
 RVE-169



Tgt Ion:244 Resp: 98290
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.3 8.8 13.2

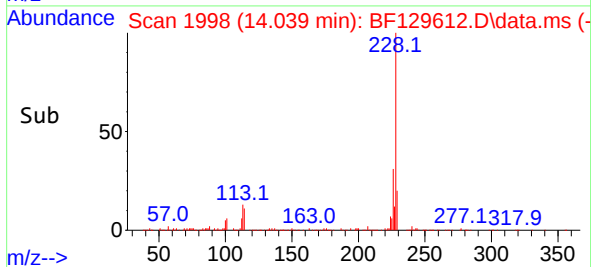
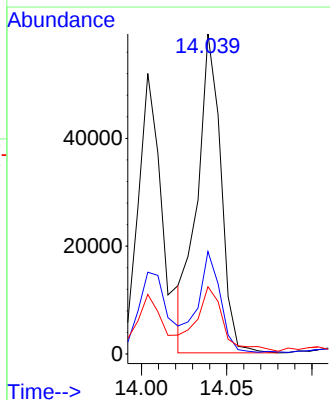
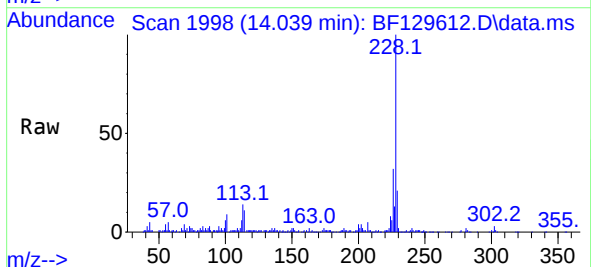
Manual Integrations
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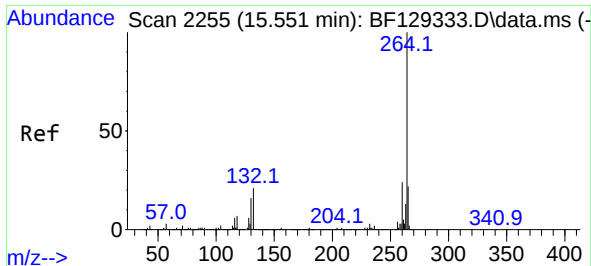
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022



#83
 Chrysene
 Concen: 2.98 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.018 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

Tgt Ion:228 Resp: 57385
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.3 36.5
 229 21.0 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

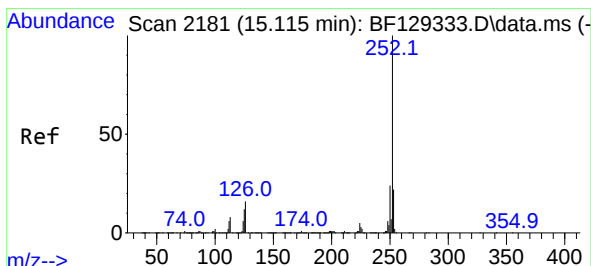
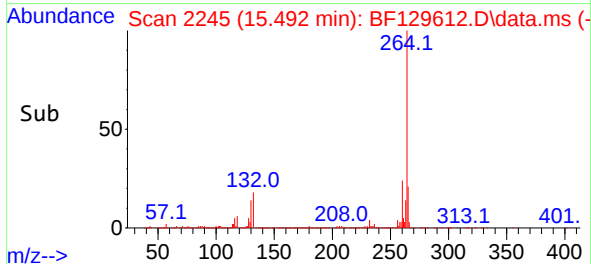
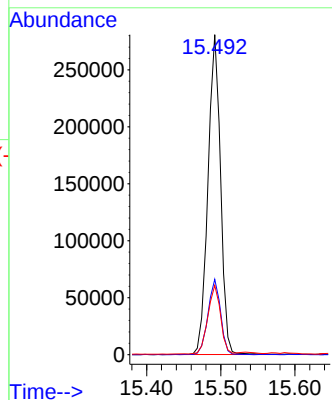
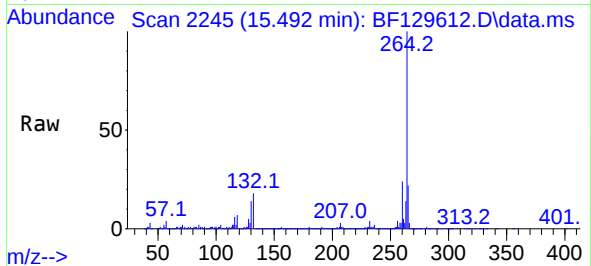
RVE-169

Tgt Ion:264 Resp: 330239
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.6 17.2 25.8

Manual Integrations

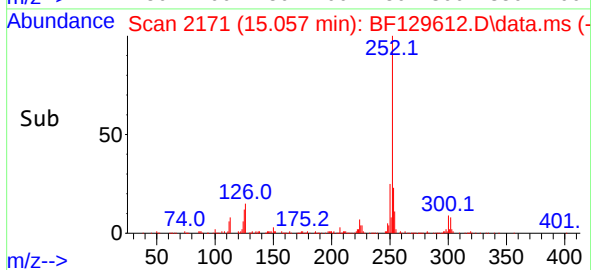
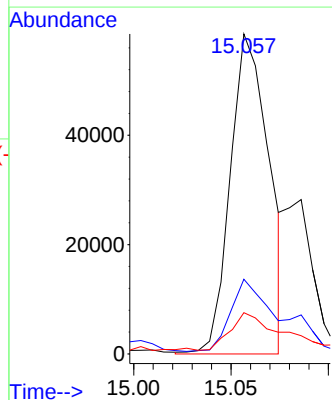
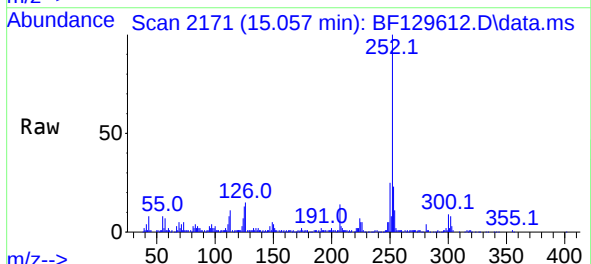
APPROVED

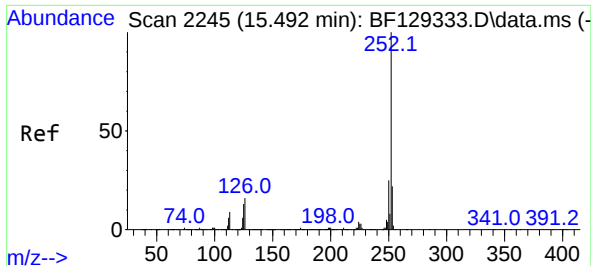
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 3.71 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

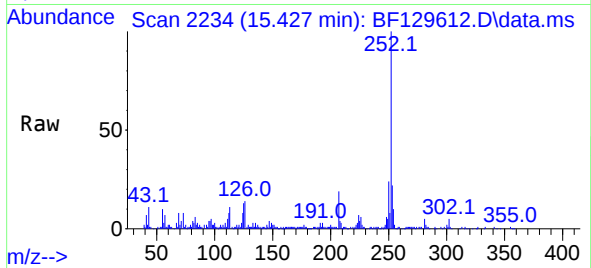
Tgt Ion:252 Resp: 81176
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 12.9 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.87 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :
BNA_F
ClientSampleId :
RVE-169



Tgt Ion:252 Resp: 50963
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.3 8.8 13.2

Manual Integrations
APPROVED

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

