

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129609.D
 Acq On : 05 Aug 2022 20:06
 Operator : CG\JU
 Sample : N3960-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-152

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 02:01:08 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	6.846	152	174369	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	695114	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	359042	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	565743	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	288573	20.000	ng	-0.01
86) Perylene-d12	15.492	264	294003	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	970513	90.668	ng	0.00
7) Phenol-d6	6.493	99	1215819	90.366	ng	-0.01
23) Nitrobenzene-d5	7.410	82	785007	61.648	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	302220	87.551	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1436435	61.889	ng	0.00
79) Terphenyl-d14	12.957	244	1223220	79.969	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	296719	9.483	ng	98
78) Pyrene	12.816	202	309298	12.817	ng	99
81) Benzo(a)anthracene	14.004	228	226841	11.508	ng	100
83) Chrysene	14.039	228	222801	11.993	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	164159	8.292	ng	95
88) Benzo(b)fluoranthene	15.057	252	298910m	15.327	ng	
89) Benzo(k)fluoranthene	15.086	252	116676m	6.105	ng	
90) Benzo(a)pyrene	15.427	252	247286	15.620	ng	99
92) Benzo(g,h,i)perylene	17.415	276	160004	9.717	ng	99

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

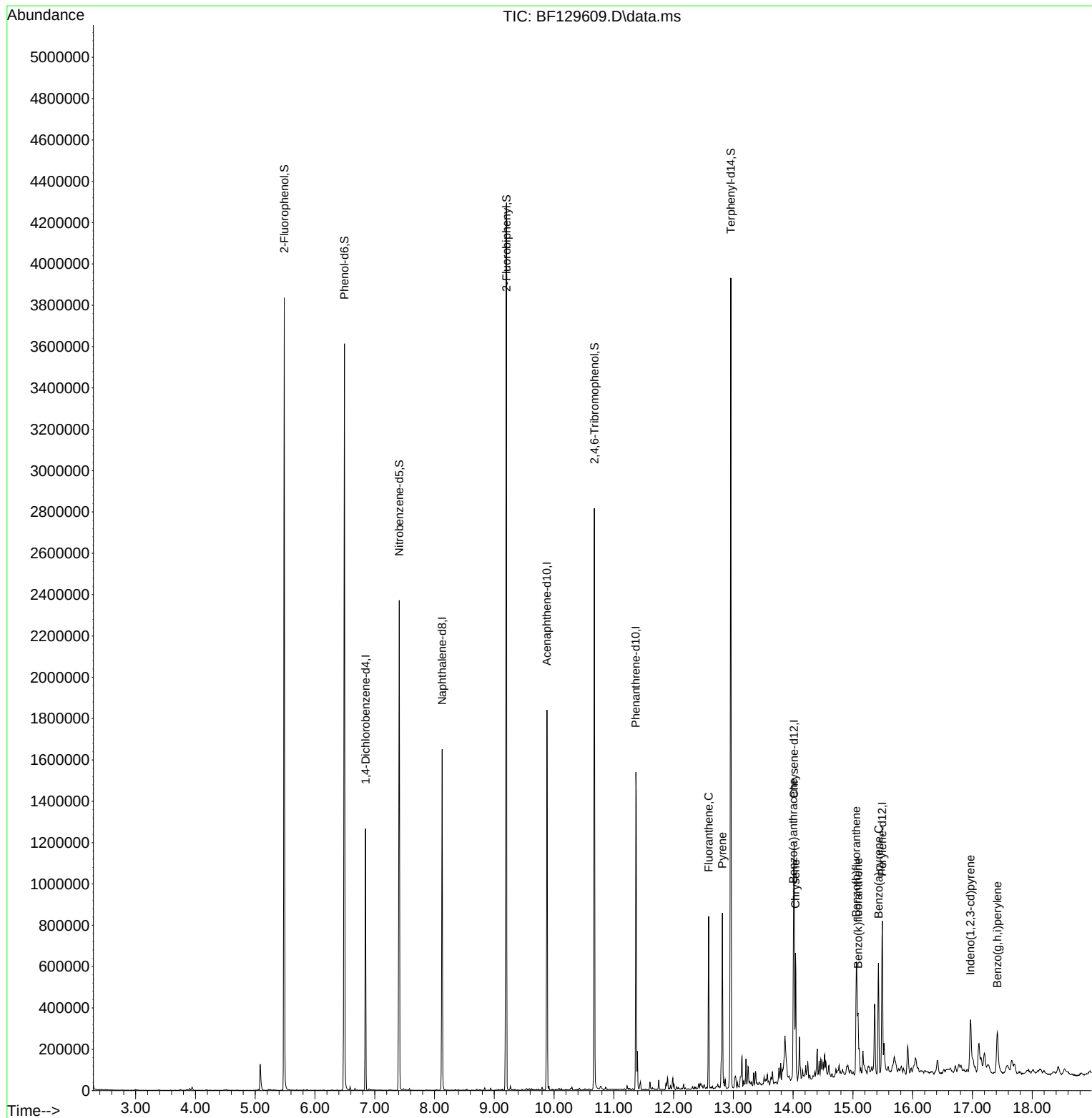
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

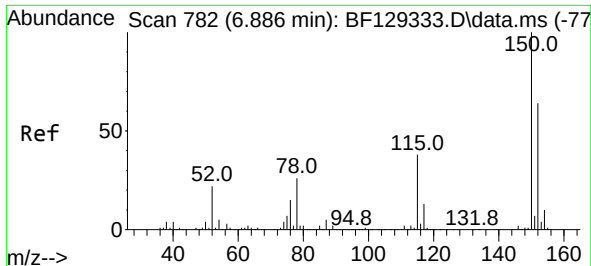
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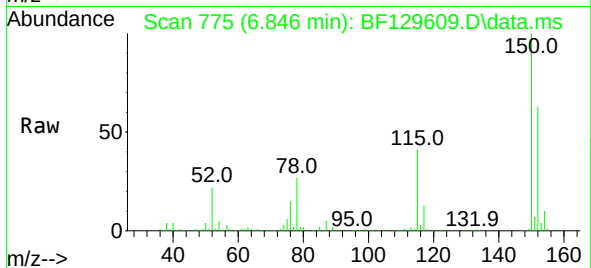
Quant Time: Aug 08 02:01:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

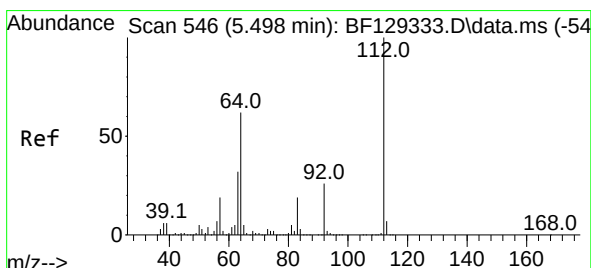
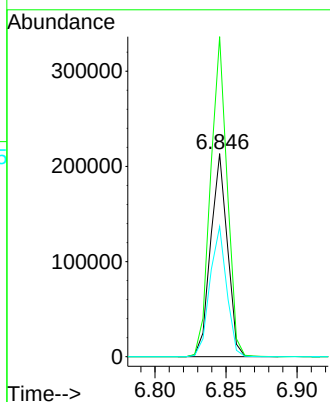
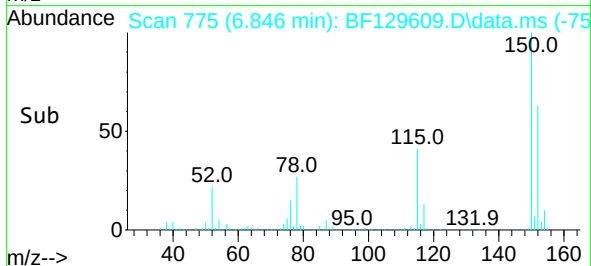
Instrument :
BNA_F
ClientSampleId :
RVE-152



Tgt Ion:152 Resp: 174369
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 64.1 49.9 74.9

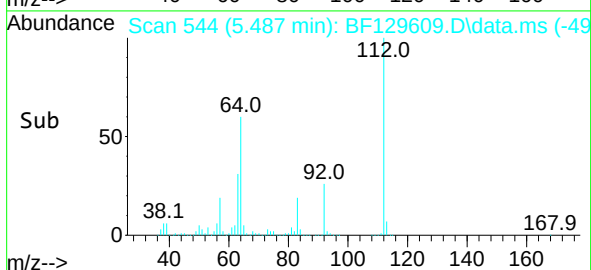
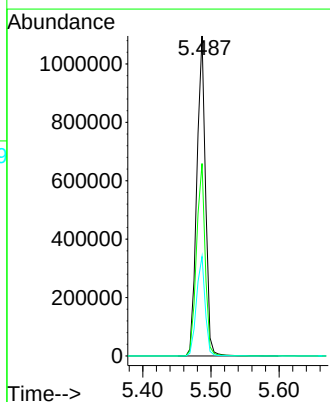
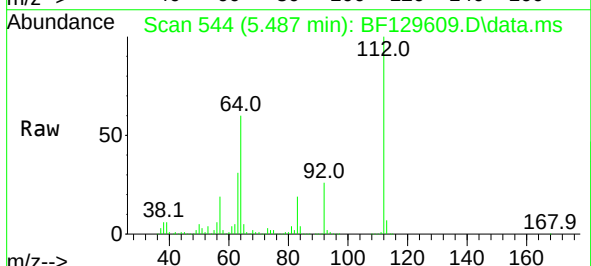
Manual Integrations
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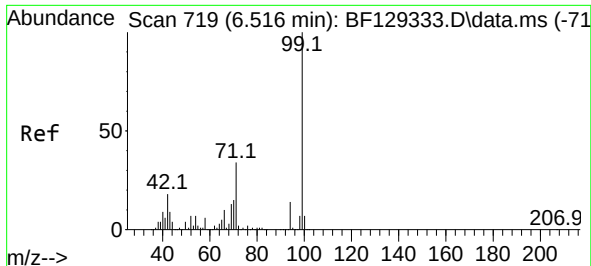
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 90.668 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

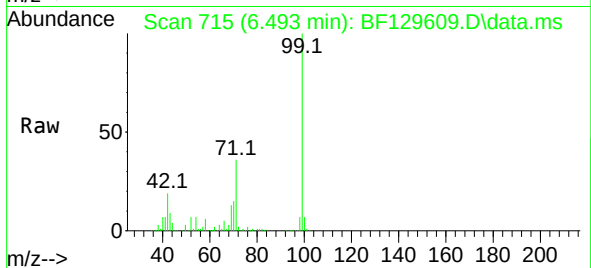
Tgt Ion:112 Resp: 970513
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 31.1 28.0 42.0





#7
Phenol-d6
Concen: 90.366 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

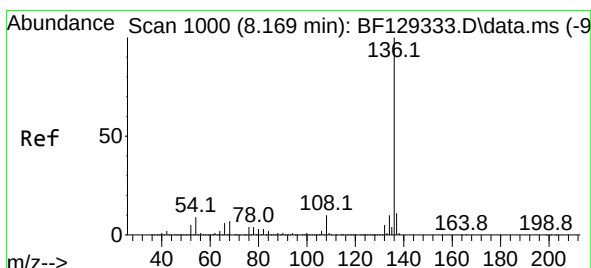
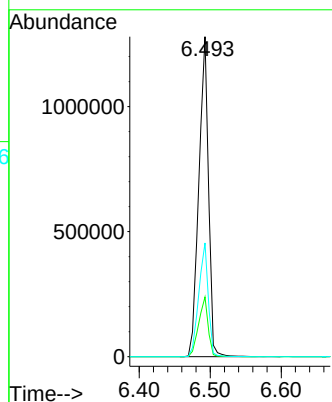
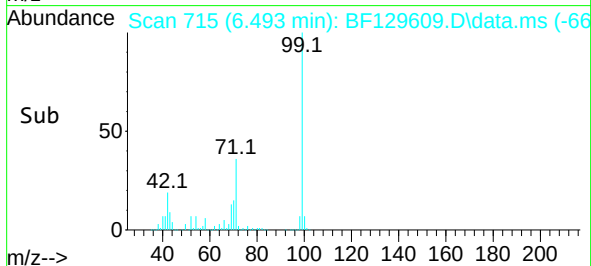
Instrument :
BNA_F
ClientSampleId :
RVE-152



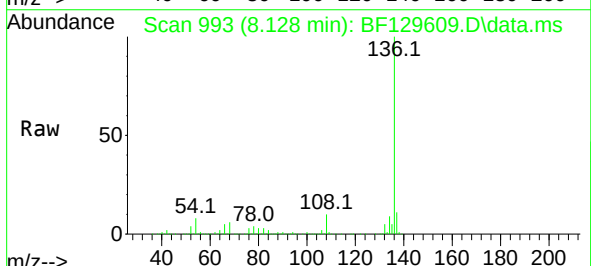
Tgt Ion: 99 Resp: 1215819
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 35.6 28.9 43.3

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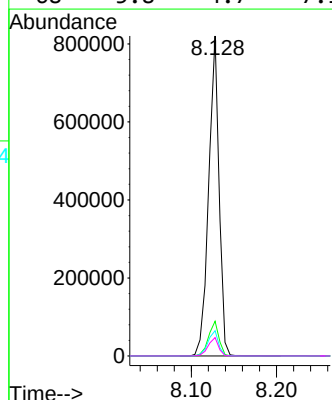
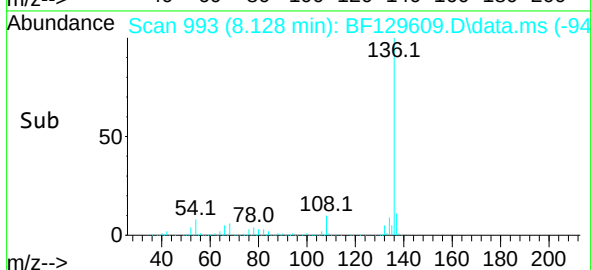
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

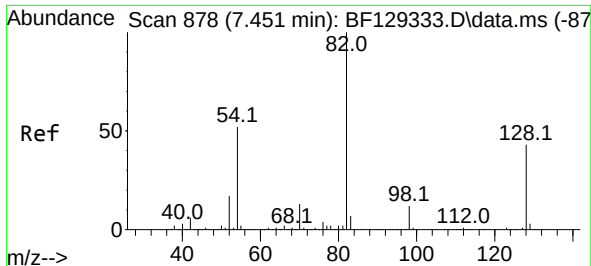


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06



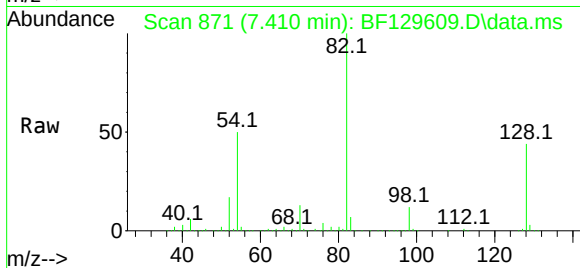
Tgt Ion:136 Resp: 695114
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 61.648 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

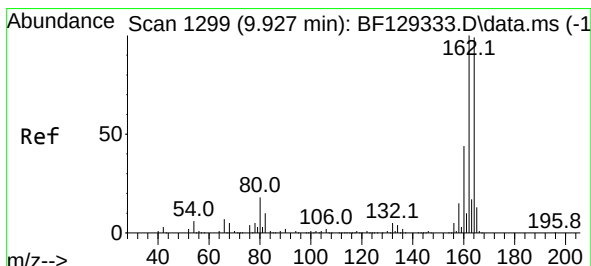
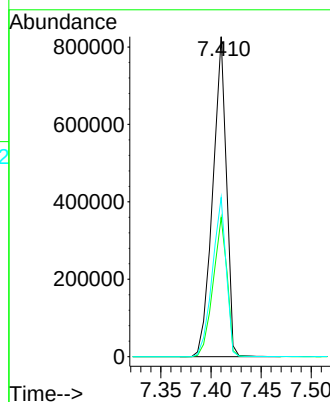
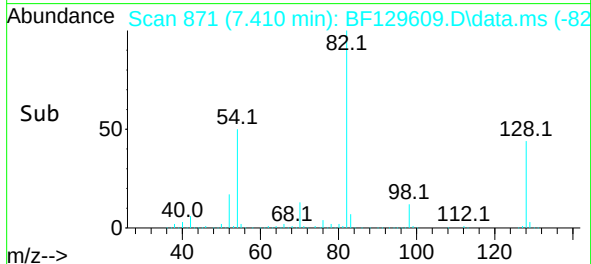
Instrument :
BNA_F
ClientSampleId :
RVE-152



Tgt Ion: 82 Resp: 78500
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 49.7 46.9 70.3

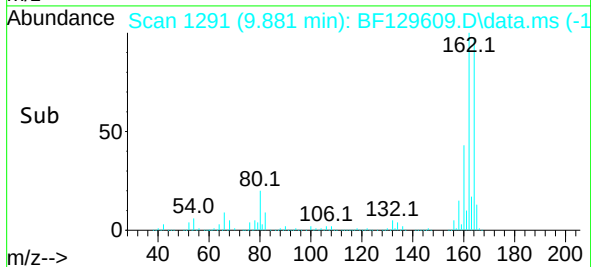
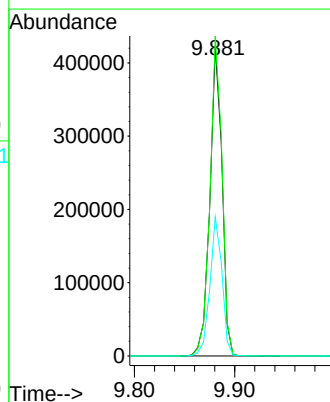
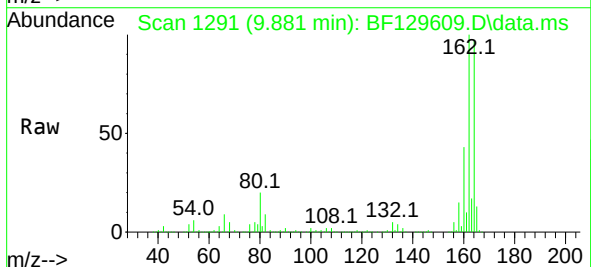
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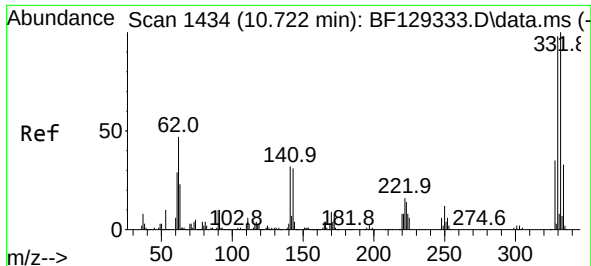
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Tgt Ion:164 Resp: 359042
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 44.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 87.551 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Instrument :

BNA_F

ClientSampleId :

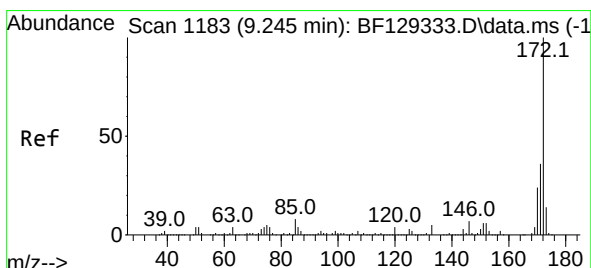
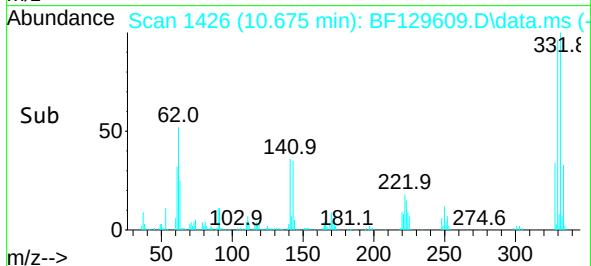
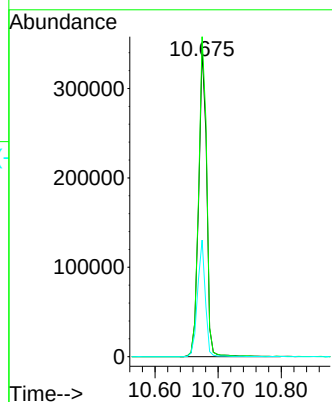
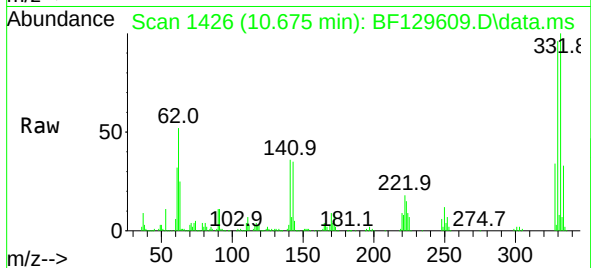
RVE-152

Tgt Ion:330 Resp: 302220
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 36.8 28.0 42.0

Manual Integrations

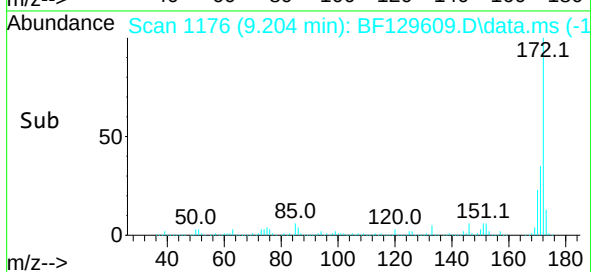
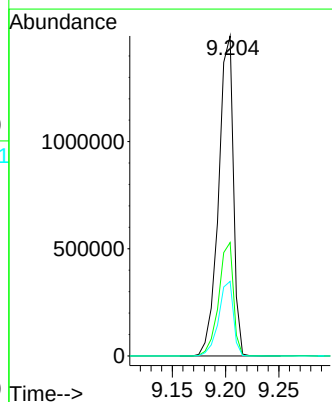
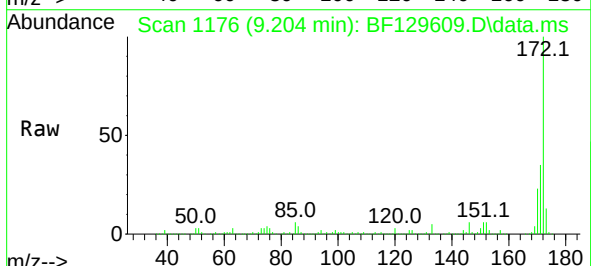
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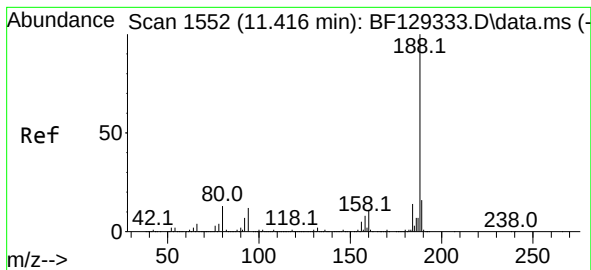
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#45
2-Fluorobiphenyl
Concen: 61.889 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Tgt Ion:172 Resp: 1436435
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 19.8 29.8





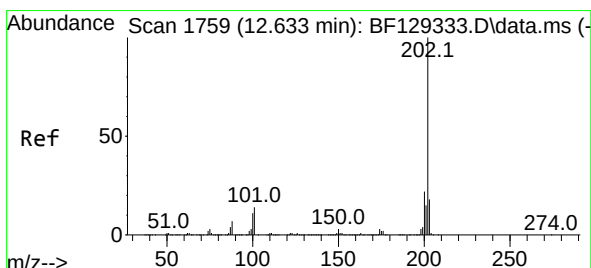
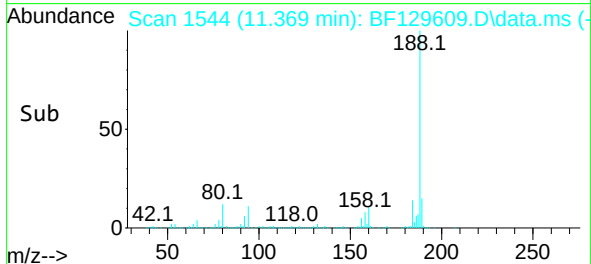
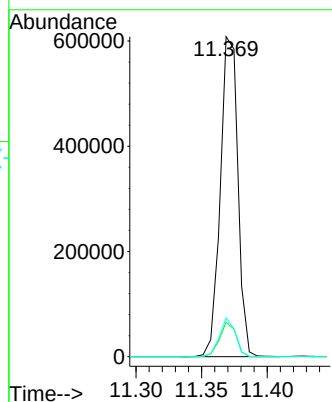
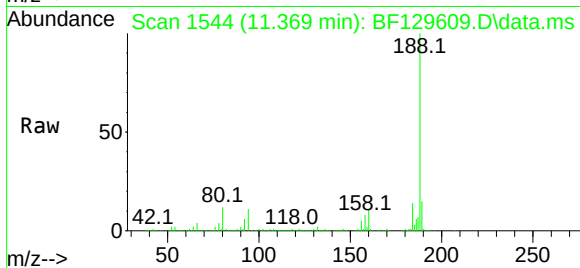
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Instrument :
BNA_F
ClientSampleId :
RVE-152

Tgt Ion:188 Resp: 56574
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6
80 12.1 7.6 11.4

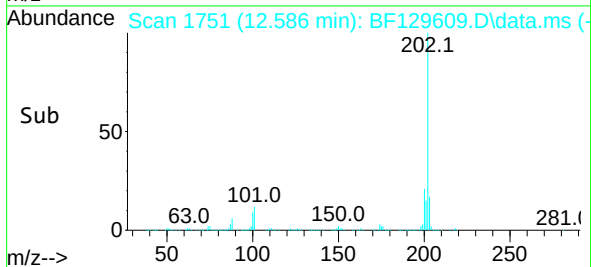
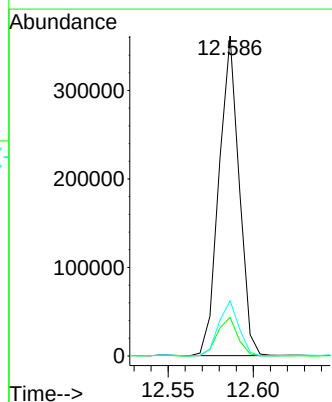
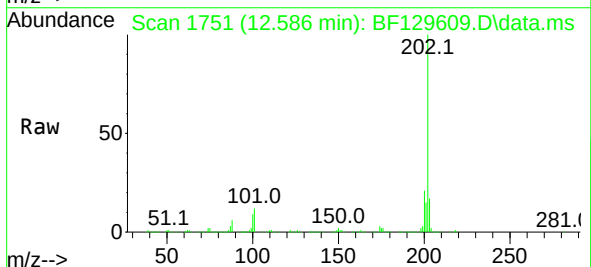
Manual Integrations
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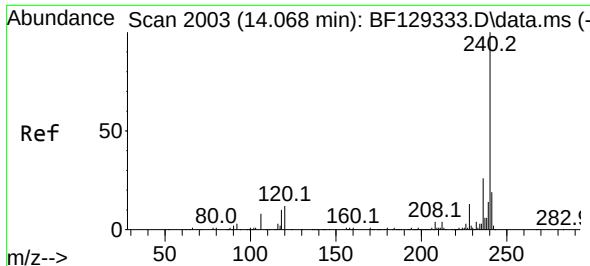
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#75
Fluoranthene
Concen: 9.483 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

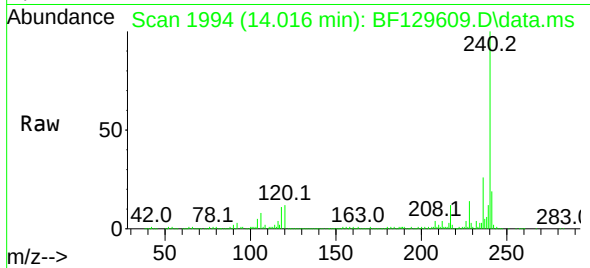
Tgt Ion:202 Resp: 296719
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 17.2 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

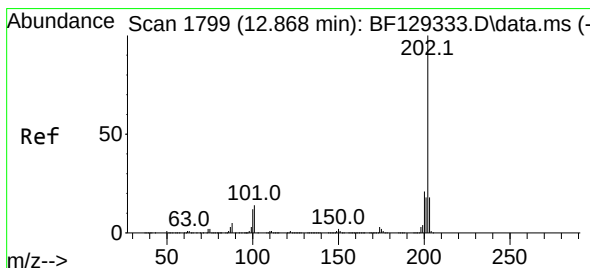
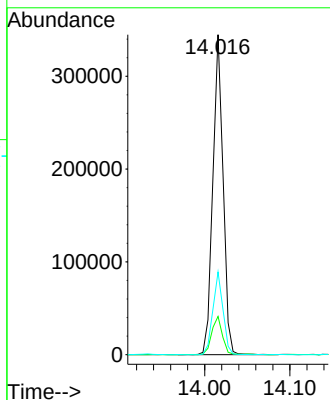
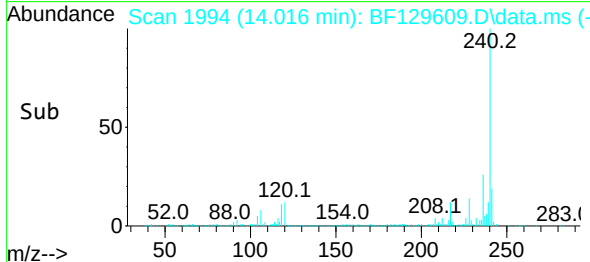
Instrument :
BNA_F
ClientSampleId :
RVE-152



Tgt Ion:240 Resp: 28857
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.9 20.8 31.2

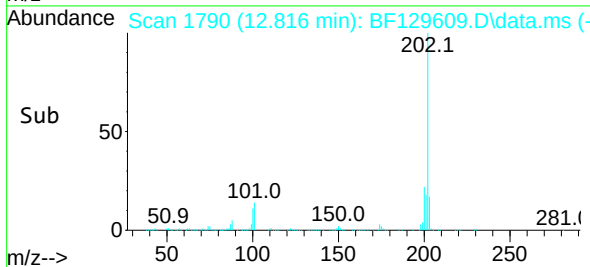
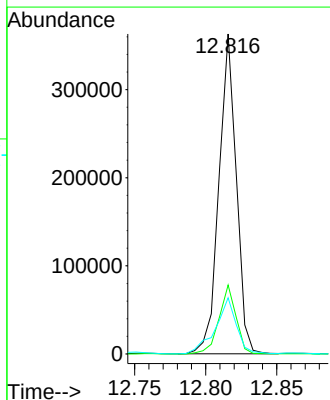
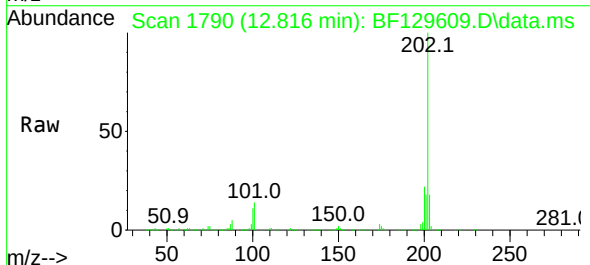
Manual Integrations
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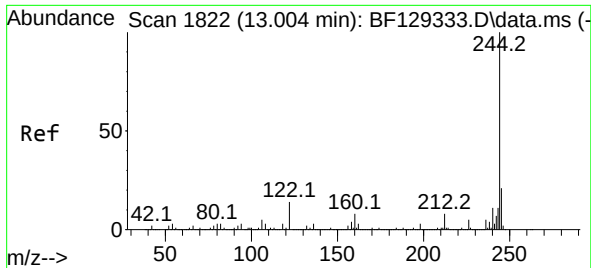
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 12.817 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

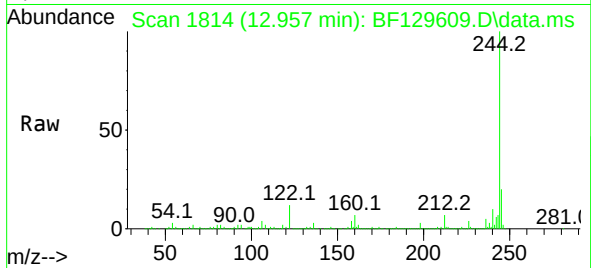
Tgt Ion:202 Resp: 309298
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 79.969 ng
RT: 12.957 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

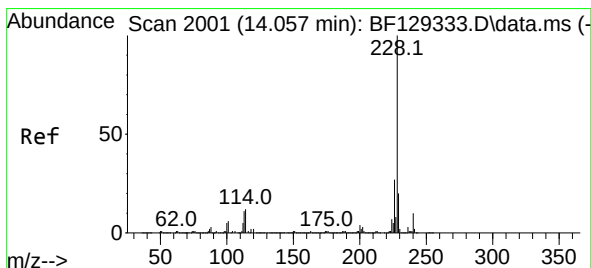
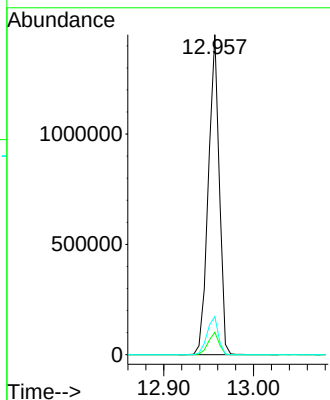
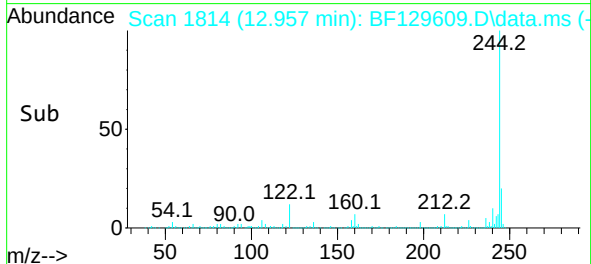
Instrument :
BNA_F
ClientSampleId :
RVE-152



Tgt Ion:244 Resp: 1223220
Ion Ratio Lower Upper
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212 7.0 6.1 9.1
122 11.9 8.8 13.2

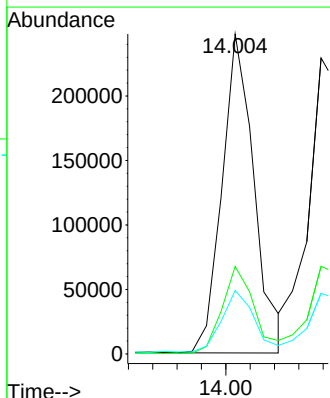
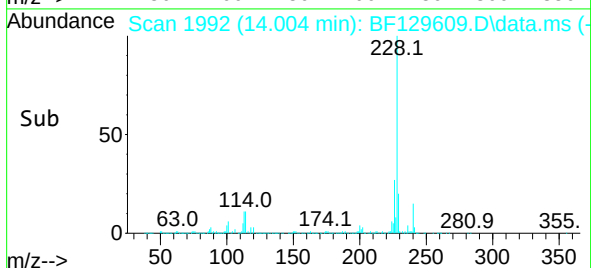
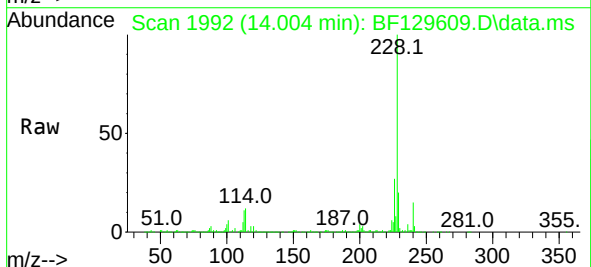
Manual Integrations
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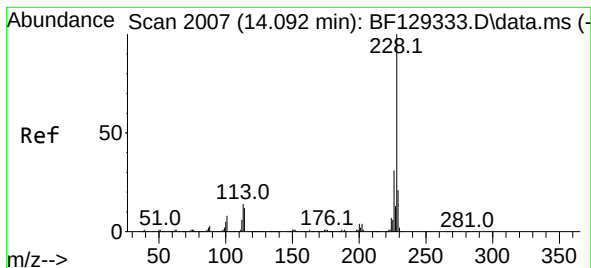
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#81
Benzo(a)anthracene
Concen: 11.508 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Tgt Ion:228 Resp: 226841
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.9 15.8 23.8





#83

Chrysene

Concen: 11.993 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.018 min

Lab File: BF129609.D

Acq: 05 Aug 2022 20:06

Instrument :

BNA_F

ClientSampleId :

RVE-152

Tgt Ion:228 Resp: 222800

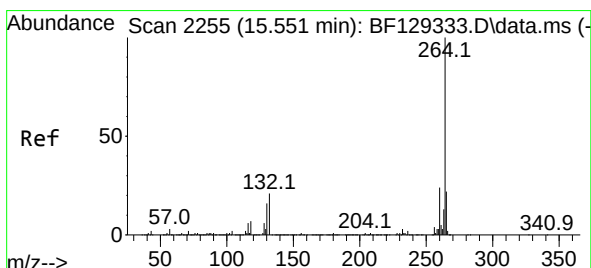
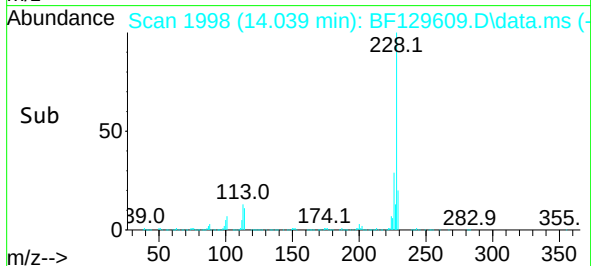
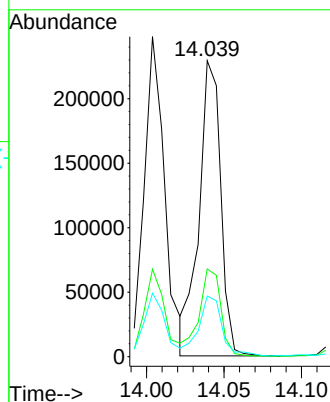
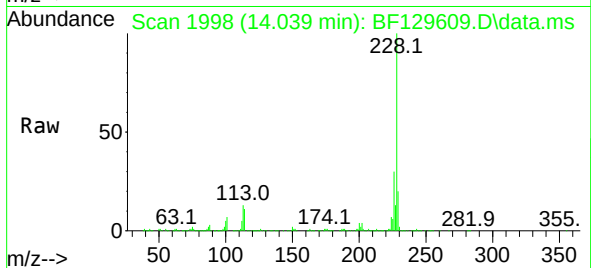
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	20.5	15.9	23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

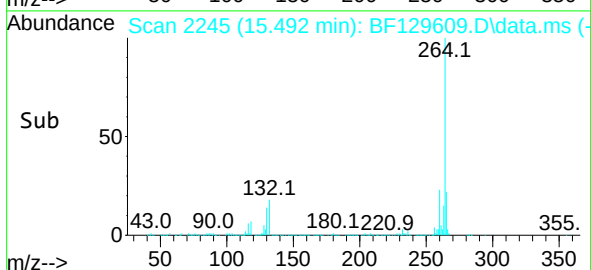
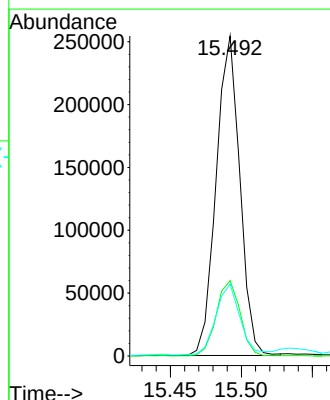
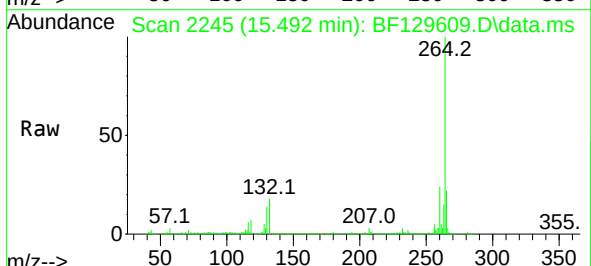
Delta R.T. -0.012 min

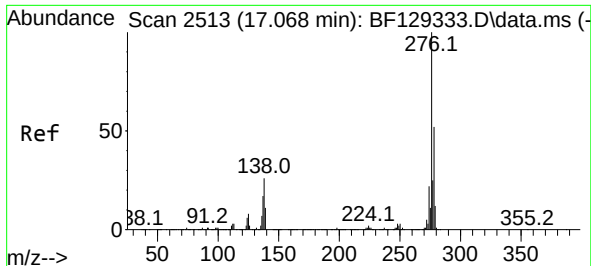
Lab File: BF129609.D

Acq: 05 Aug 2022 20:06

Tgt Ion:264 Resp: 294003

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.4	17.2	25.8





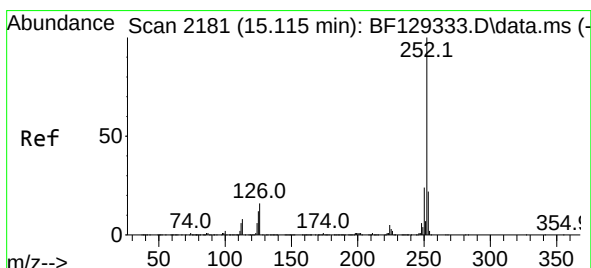
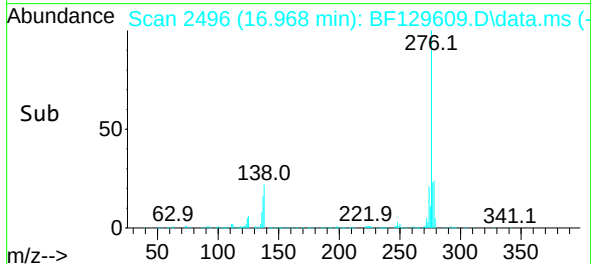
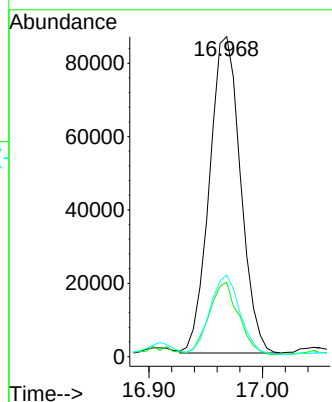
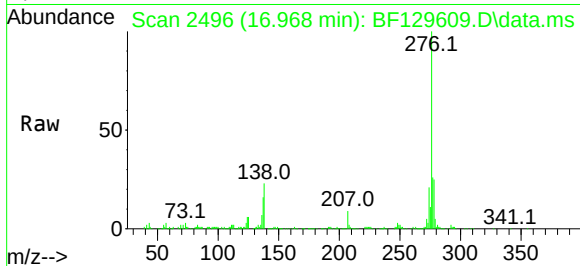
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.292 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Instrument :
BNA_F
ClientSampleId :
RVE-152

Tgt Ion:276 Resp: 16415
Ion Ratio Lower Upper
276 100
138 21.8 21.1 31.7
277 25.0 20.3 30.5

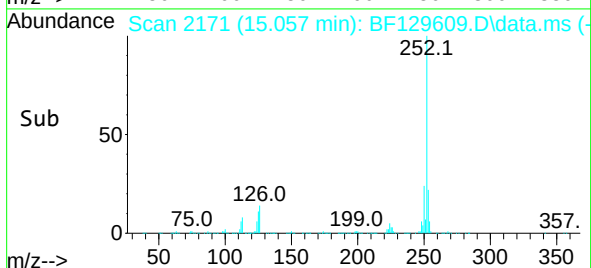
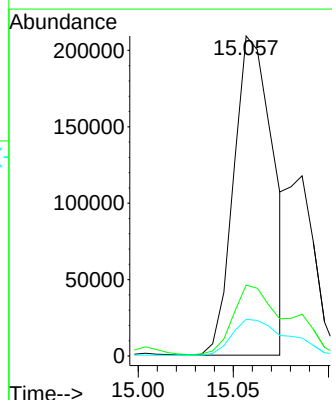
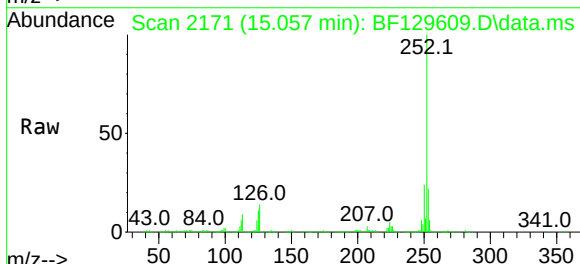
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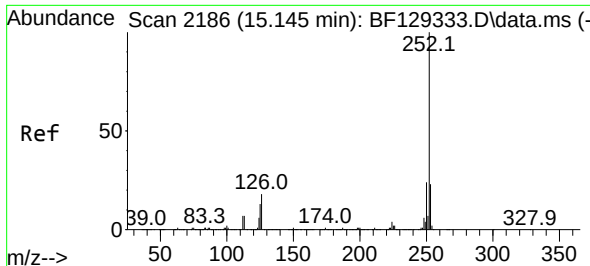
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 15.327 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129609.D
Acq: 05 Aug 2022 20:06

Tgt Ion:252 Resp: 298910
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 6.105 ng m

RT: 15.086 min Scan# 2186

Delta R.T. -0.018 min

Lab File: BF129609.D

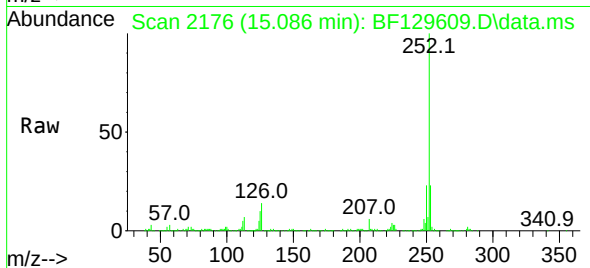
Acq: 05 Aug 2022 20:06

Instrument :

BNA_F

ClientSampleId :

RVE-152



Tgt Ion:252 Resp: 116670

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

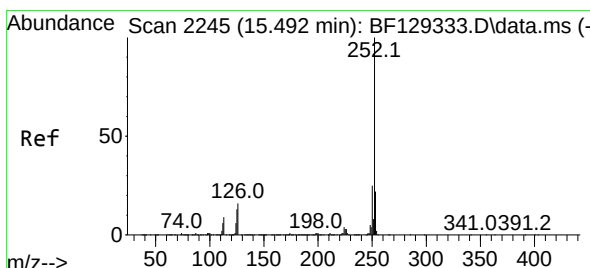
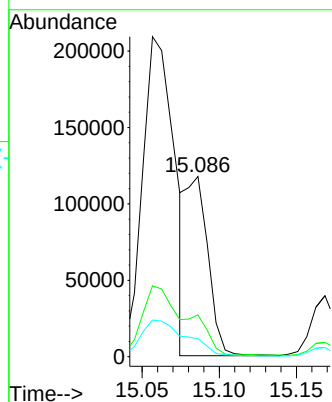
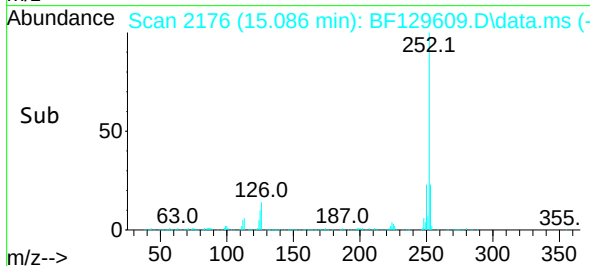
125 9.9 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#90

Benzo(a)pyrene

Concen: 15.620 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF129609.D

Acq: 05 Aug 2022 20:06

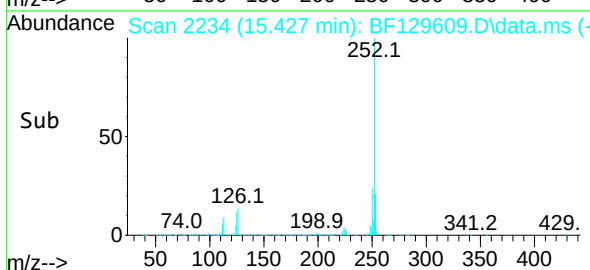
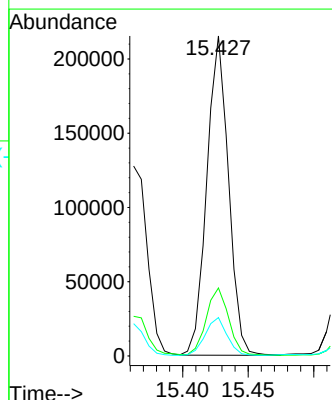
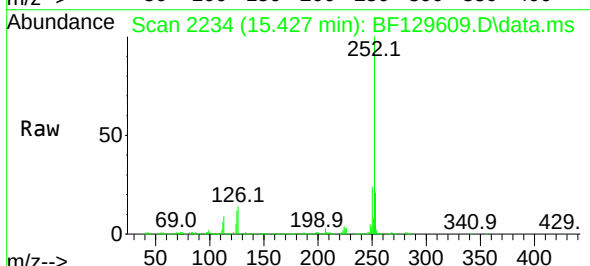
Tgt Ion:252 Resp: 247286

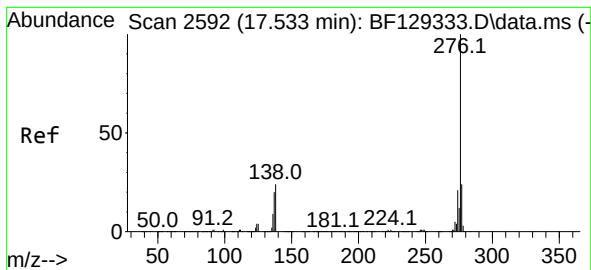
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

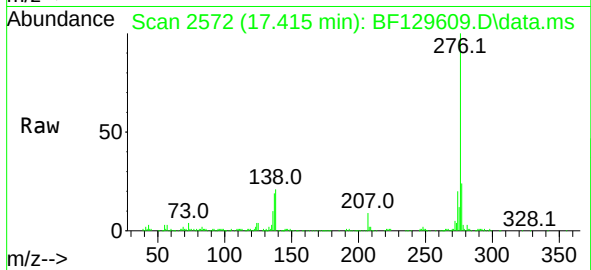
125 12.0 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 9.717 ng
 RT: 17.415 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF129609.D
 Acq: 05 Aug 2022 20:06

Instrument :
 BNA_F
 ClientSampleId :
 RVE-152



Tgt Ion:276 Resp: 160004
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.1 28.7
 138 21.5 18.0 27.0

Manual Integrations
 APPROVED

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

