

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129614.D
 Acq On : 05 Aug 2022 22:58
 Operator : CG\JU
 Sample : N3961-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-182

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 02:03:49 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	151392	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	554555	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	243539	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	348964	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	294331	20.000	ng	-0.01
86) Perylene-d12	15.492	264	270197	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	890235	95.791	ng	0.00
7) Phenol-d6	6.498	99	1074535	91.986	ng	0.00
23) Nitrobenzene-d5	7.410	82	667144	65.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	202074	86.303	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1104422	70.152	ng	0.00
79) Terphenyl-d14	12.957	244	905626	58.048	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	108100	5.675	ng	99
75) Fluoranthene	12.586	202	169687	8.792	ng	99
78) Pyrene	12.816	202	234384	9.523	ng	98
81) Benzo(a)anthracene	14.004	228	108151	5.379	ng	93
83) Chrysene	14.039	228	118927	6.276	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	54876	3.016	ng	96
88) Benzo(b)fluoranthene	15.063	252	143289m	7.995	ng	
90) Benzo(a)pyrene	15.427	252	95031	6.532	ng	95
92) Benzo(g,h,i)perylene	17.427	276	61591	4.070	ng	95

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

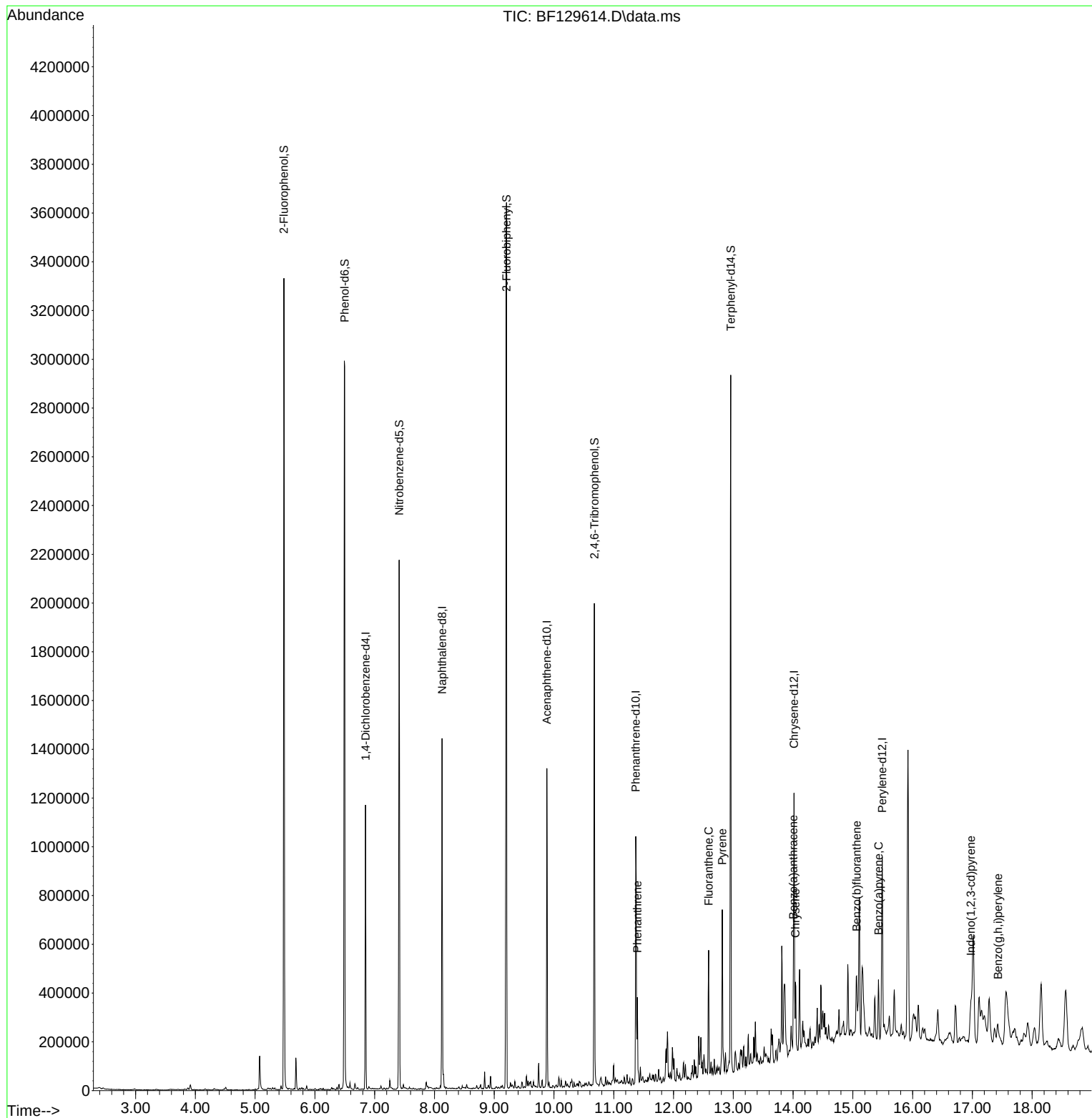
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129614.D
Acq On : 05 Aug 2022 22:58
Operator : CG\JU
Sample : N3961-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

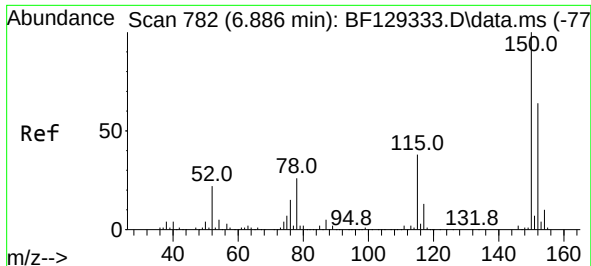
Instrument :
BNA_F
ClientSampleId :
RVE-182

Quant Time: Aug 08 02:03:49 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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Manual Integrations
APPROVED

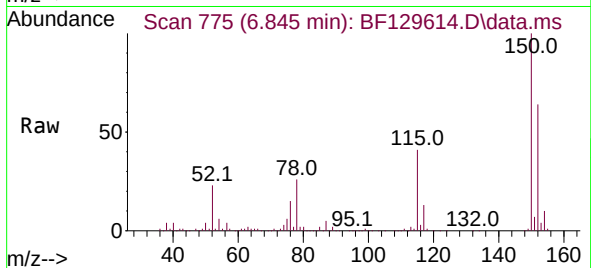
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

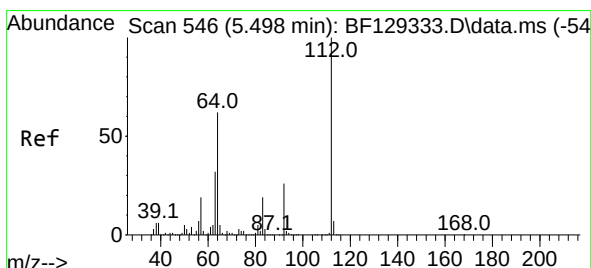
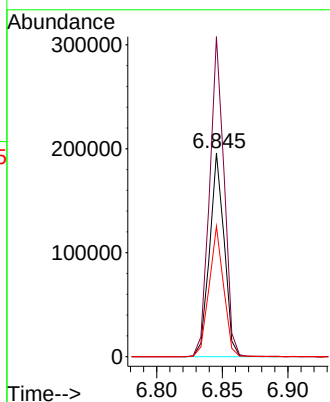
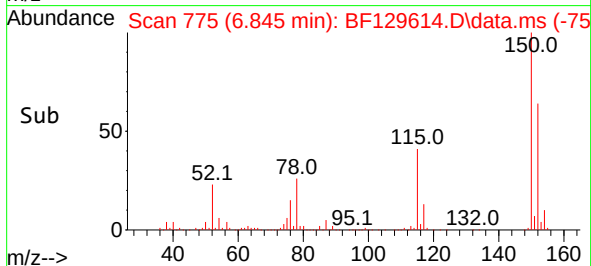
Instrument :
BNA_F
ClientSampleId :
RVE-182



Tgt Ion:152 Resp: 151392
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 64.0 49.9 74.9

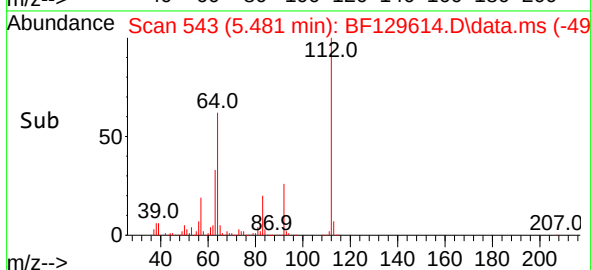
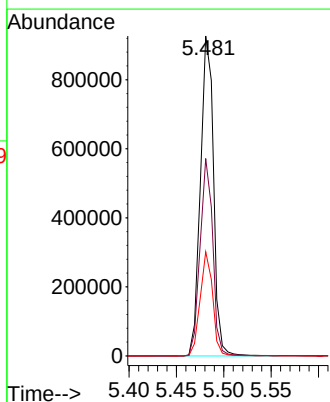
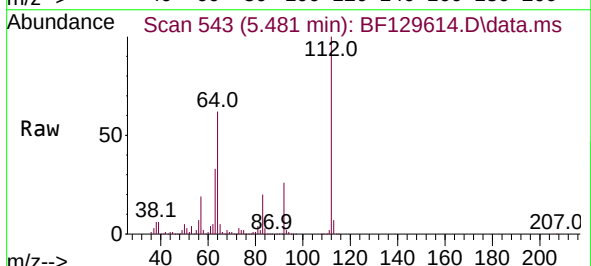
Manual Integrations
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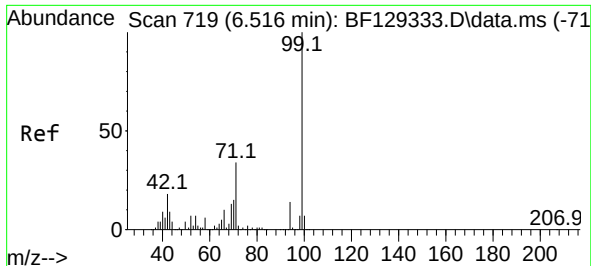
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 95.791 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

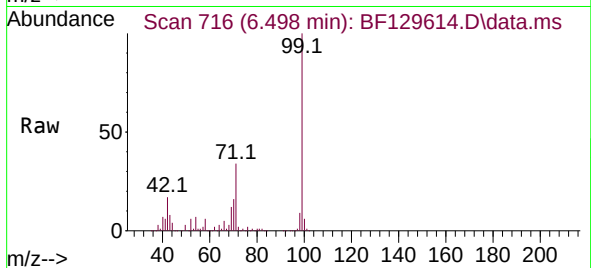
Tgt Ion:112 Resp: 890235
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.5 28.0 42.0





#7
Phenol-d6
Concen: 91.986 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

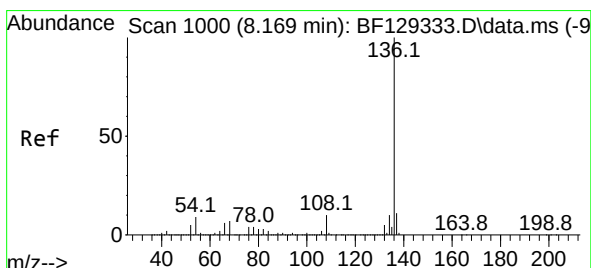
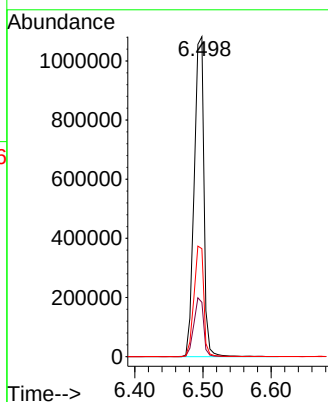
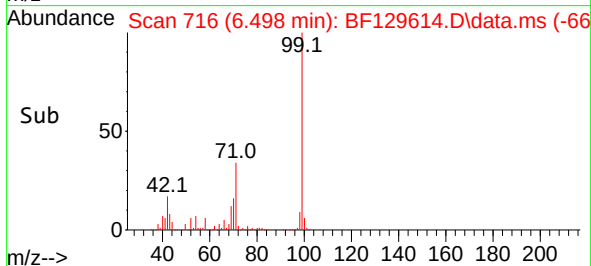
Instrument :
BNA_F
ClientSampleId :
RVE-182



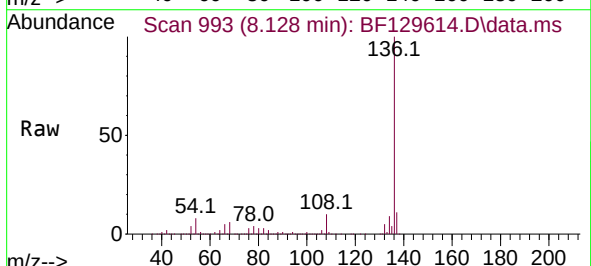
Tgt Ion: 99 Resp: 1074535
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9
71 33.7 28.9 43.3

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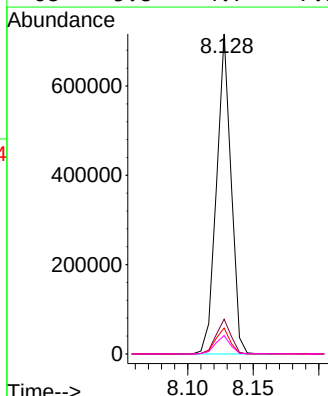
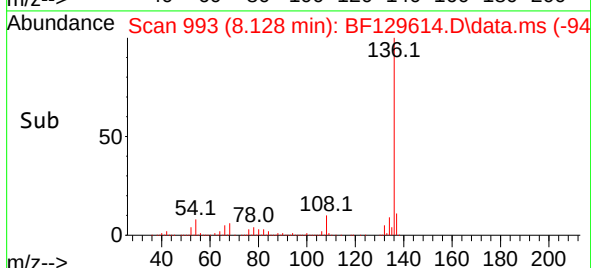
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

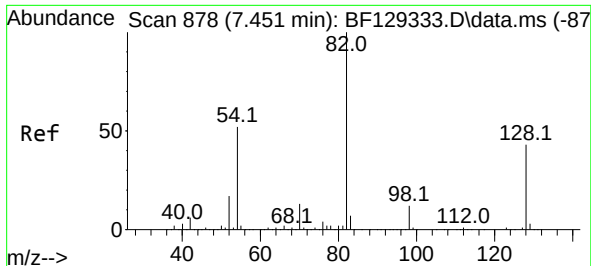


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58



Tgt Ion:136 Resp: 554555
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 65.671 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129614.D

Acq: 05 Aug 2022 22:58

Instrument :

BNA_F

ClientSampleId :

RVE-182

Tgt Ion: 82 Resp: 667144

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

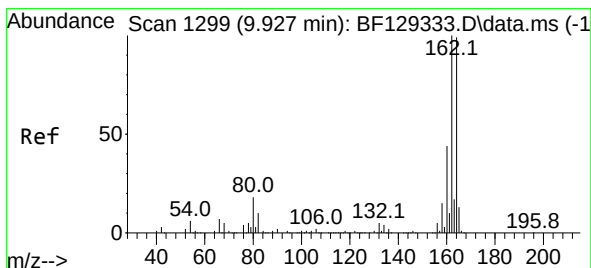
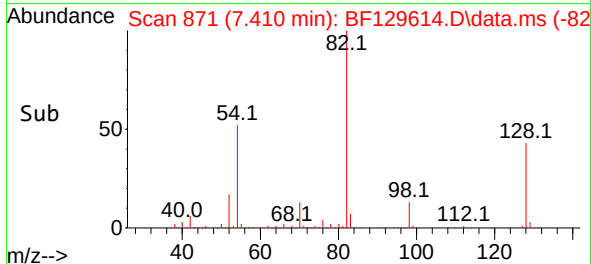
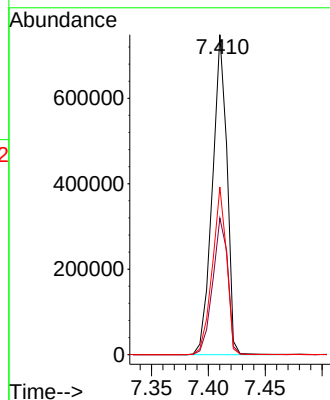
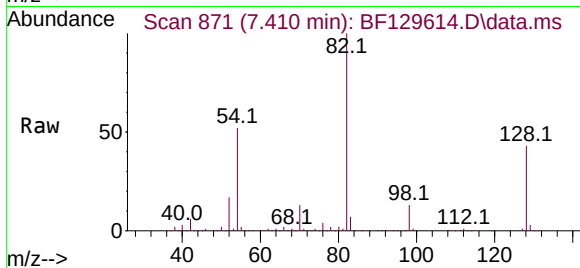
54 52.3 46.9 70.3

Manual Integrations

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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: BF129614.D

Acq: 05 Aug 2022 22:58

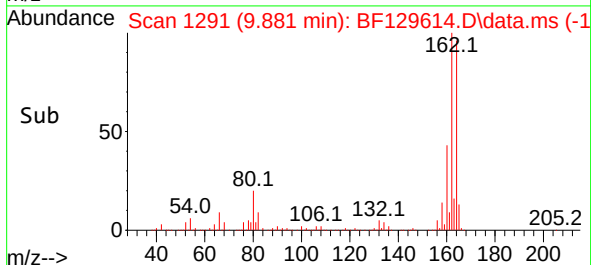
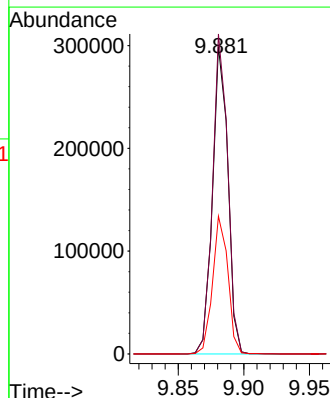
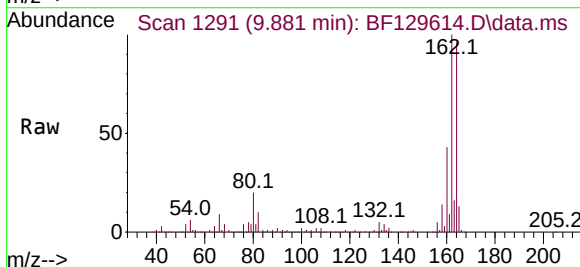
Tgt Ion:164 Resp: 243539

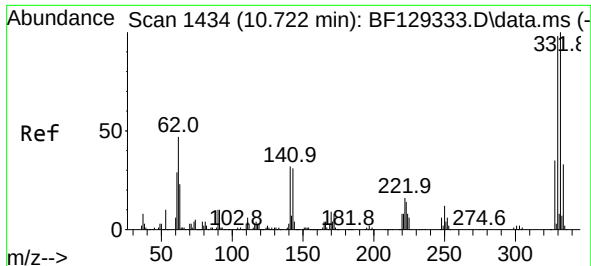
Ion Ratio Lower Upper

164 100

162 104.2 79.5 119.3

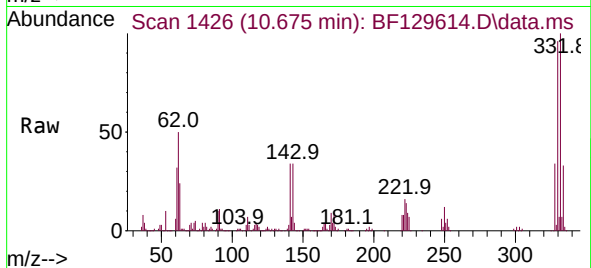
160 44.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 86.303 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

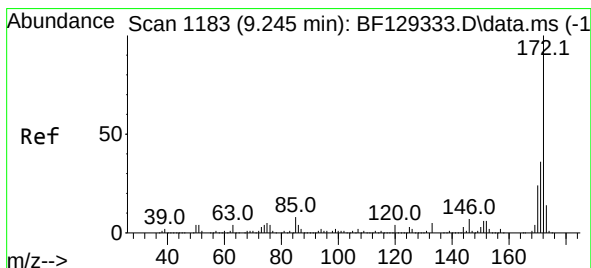
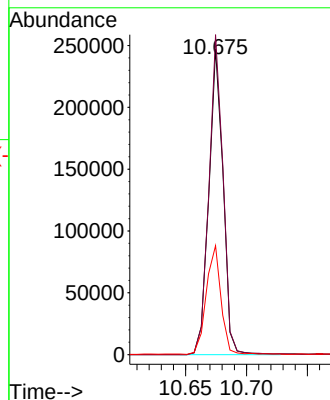
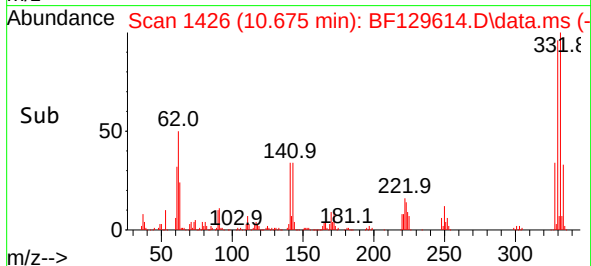
Instrument :
BNA_F
ClientSampleId :
RVE-182



Tgt Ion: 330 Resp: 202074
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 36.6 28.0 42.0

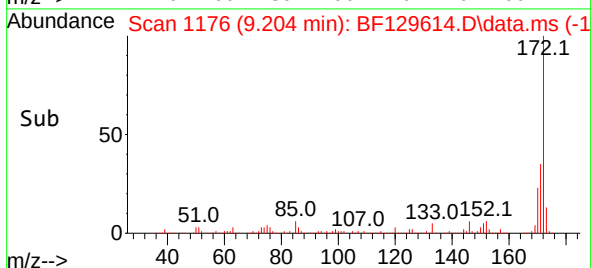
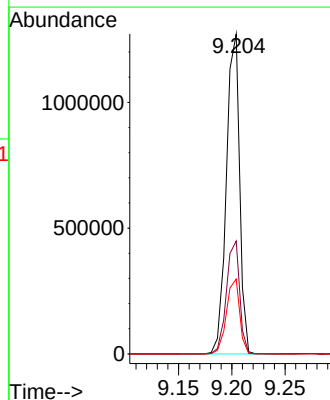
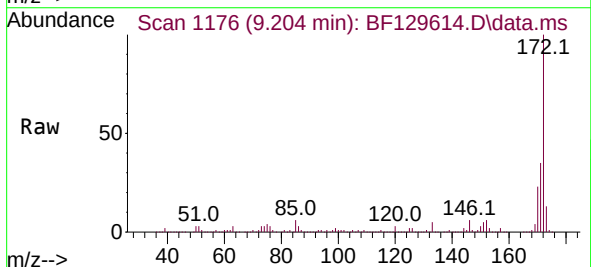
Manual Integrations
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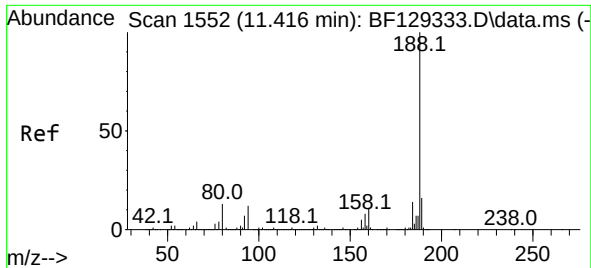
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022



#45
2-Fluorobiphenyl
Concen: 70.152 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

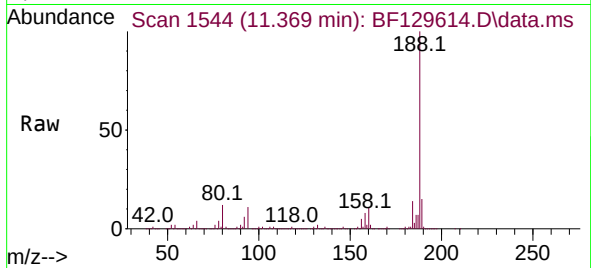
Tgt Ion: 172 Resp: 1104422
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

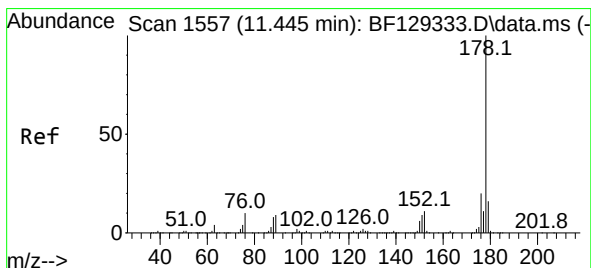
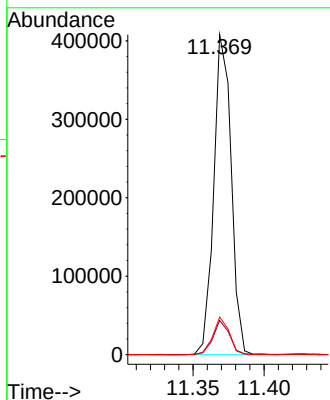
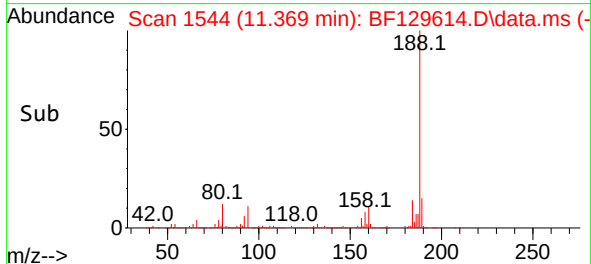
Instrument :
BNA_F
ClientSampleId :
RVE-182



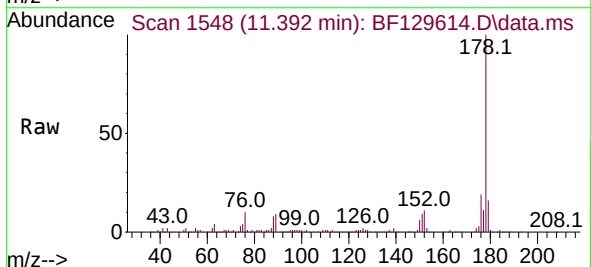
Tgt Ion:188 Resp: 348964
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6
80 11.7 7.6 11.4

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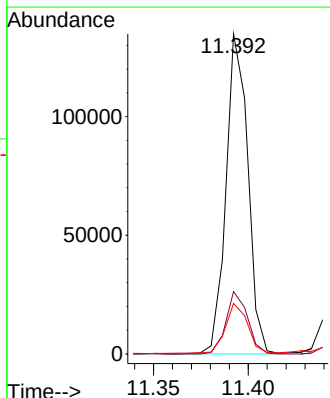
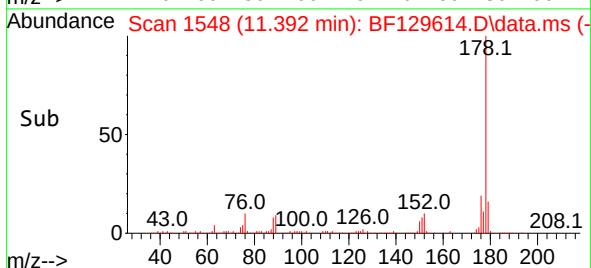
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

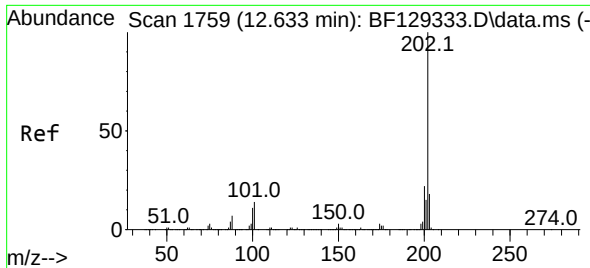


#71
Phenanthrene
Concen: 5.675 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58



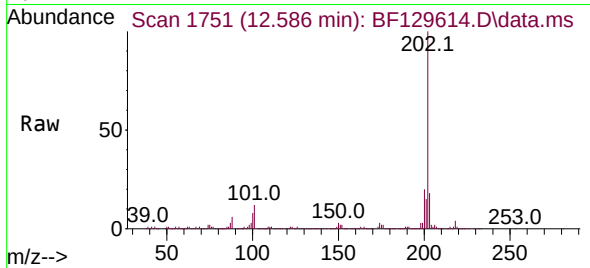
Tgt Ion:178 Resp: 108100
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.8 12.6 19.0





#75
Fluoranthene
Concen: 8.792 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

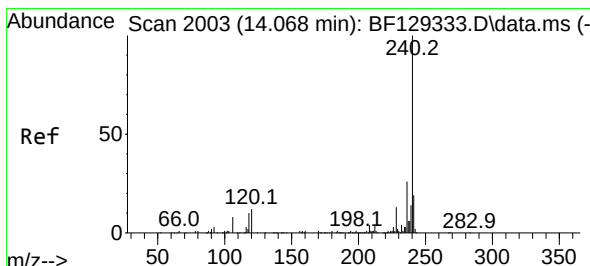
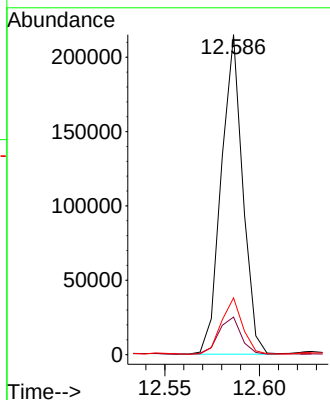
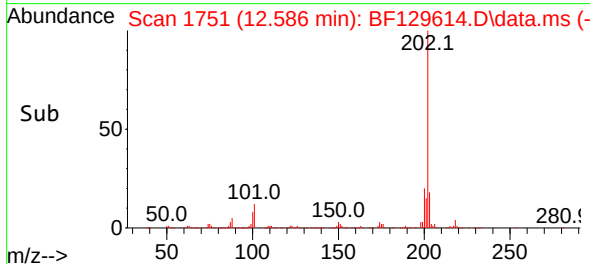
Instrument :
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ClientSampleId :
RVE-182



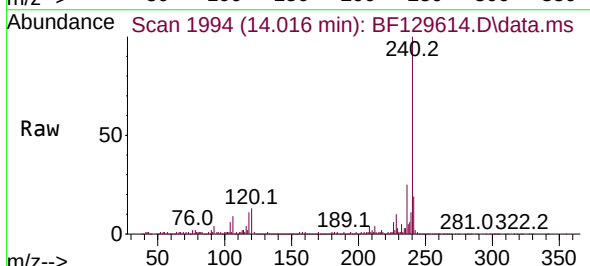
Tgt Ion:202 Resp: 16968
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.7 0.0 38.0

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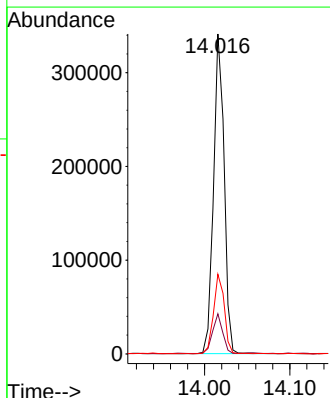
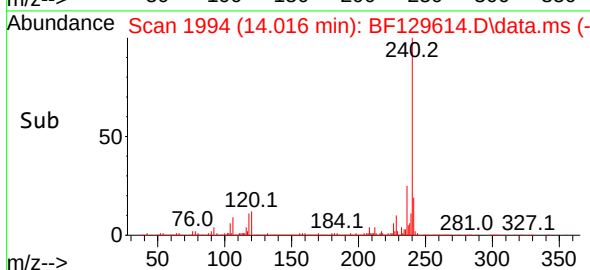
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

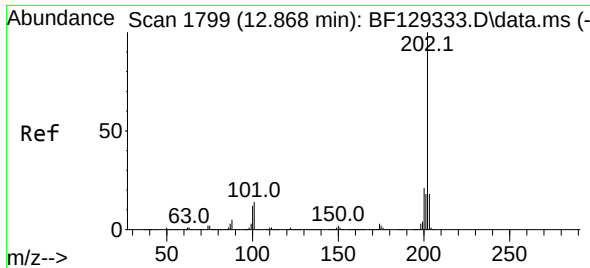


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58



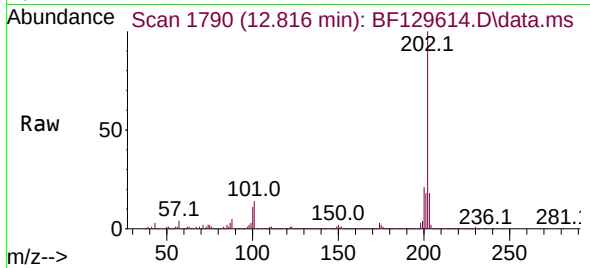
Tgt Ion:240 Resp: 294331
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 24.9 20.8 31.2





#78
Pyrene
Concen: 9.523 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

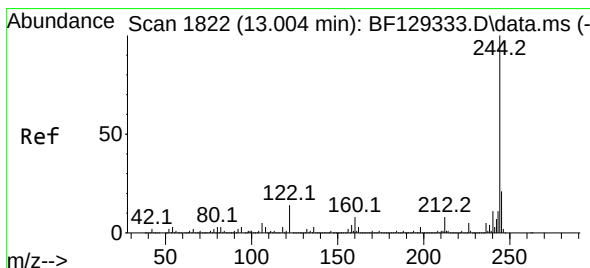
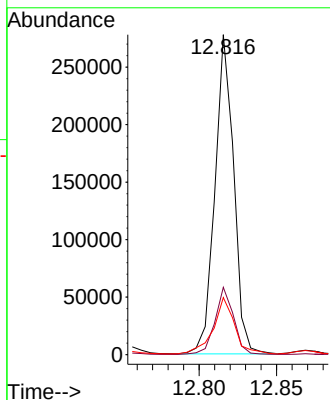
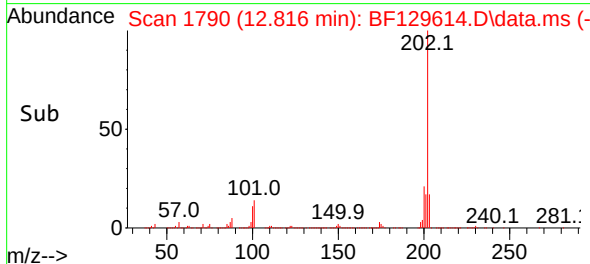
Instrument :
BNA_F
ClientSampleId :
RVE-182



Tgt Ion:202 Resp: 234384
Ion Ratio Lower Upper
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203 17.8 14.6 21.8

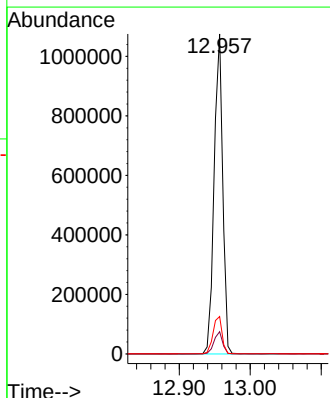
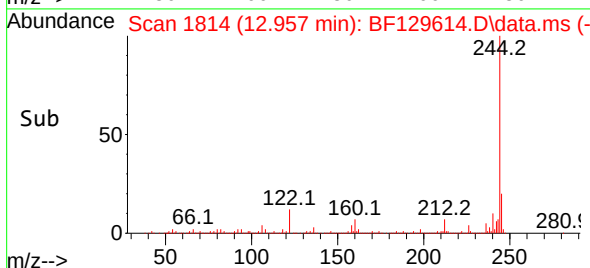
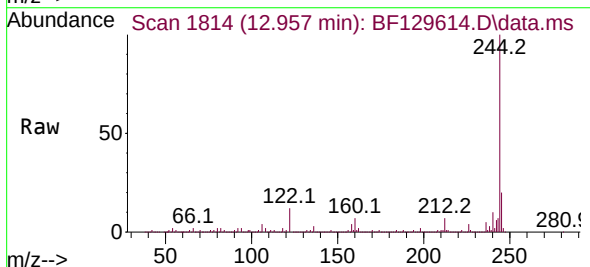
Manual Integrations
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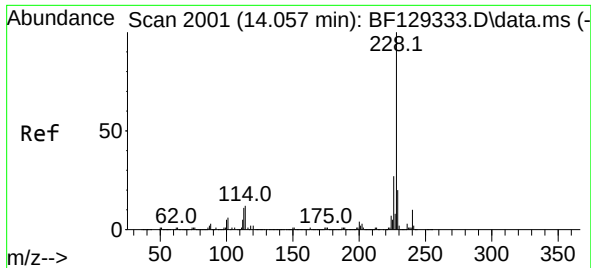
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#79
Terphenyl-d14
Concen: 58.048 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

Tgt Ion:244 Resp: 905626
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.7 8.8 13.2





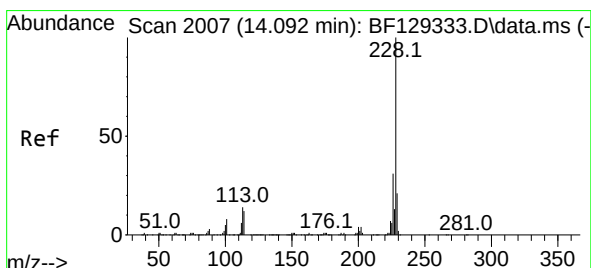
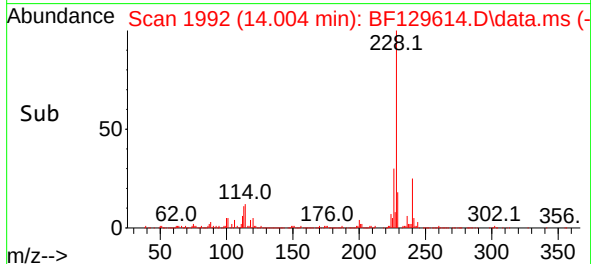
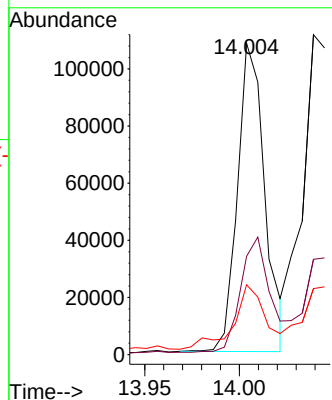
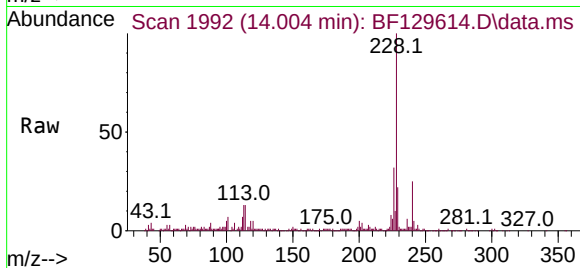
#81
Benzo(a)anthracene
Concen: 5.379 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

Instrument :
BNA_F
ClientSampleId :
RVE-182

Tgt Ion:228 Resp: 10815
Ion Ratio Lower Upper
228 100
226 31.6 22.1 33.1
229 22.4 15.8 23.8

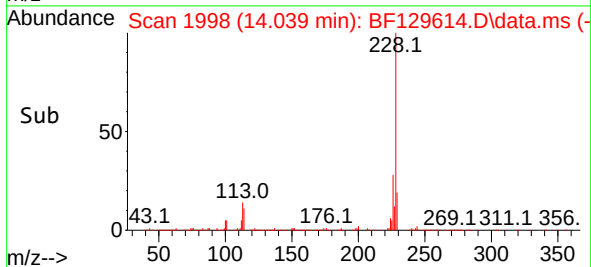
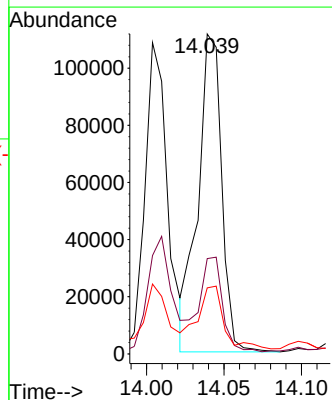
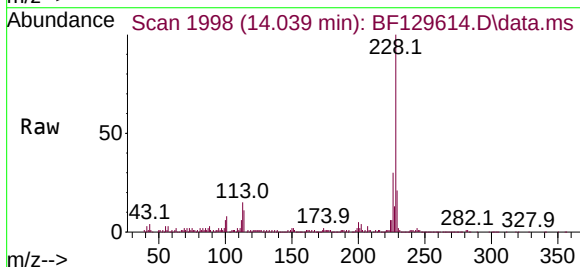
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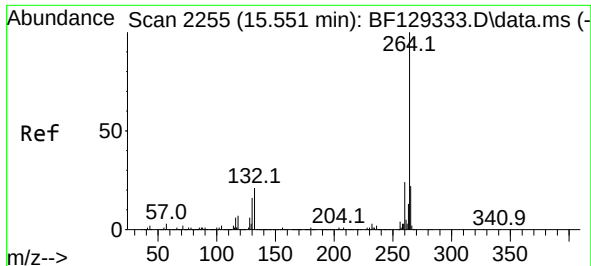
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#83
Chrysene
Concen: 6.276 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

Tgt Ion:228 Resp: 118927
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 20.6 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: BF129614.D

Acq: 05 Aug 2022 22:58

Instrument :

BNA_F

ClientSampleId :

RVE-182

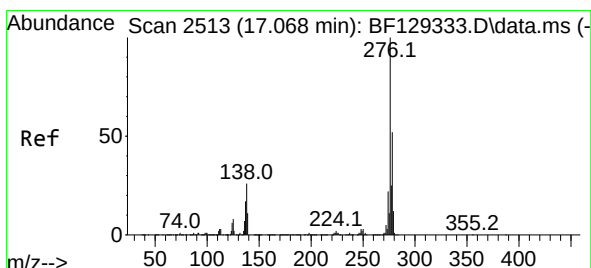
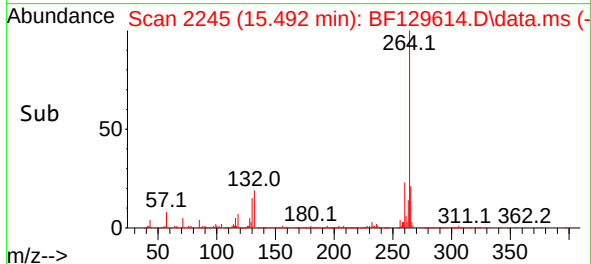
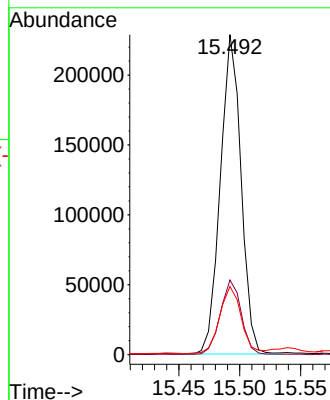
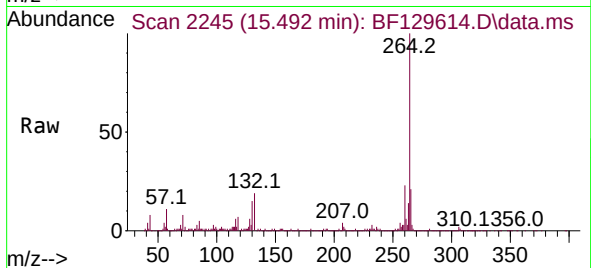
Tgt Ion:	264	Resp:	27019
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.4	27.6
265	21.3	17.2	25.8

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Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.016 ng

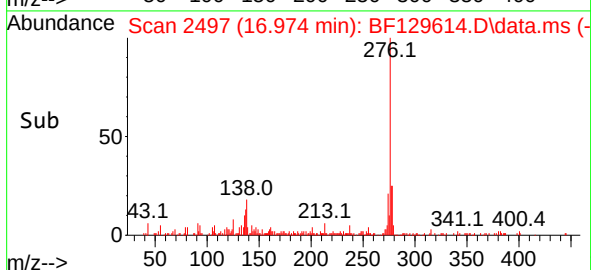
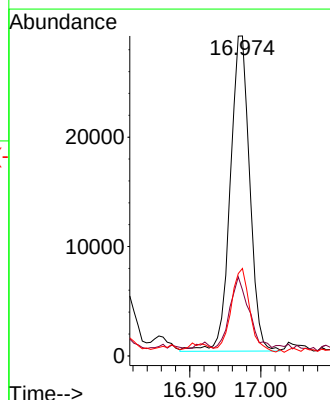
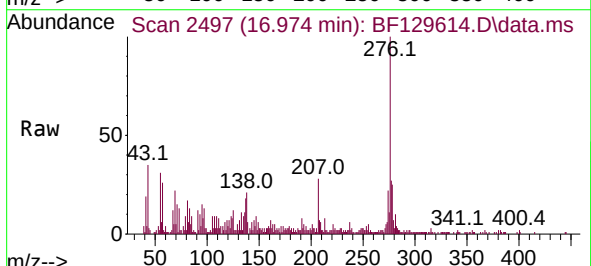
RT: 16.974 min Scan# 2497

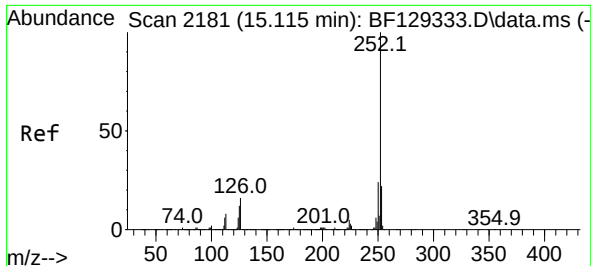
Delta R.T. -0.023 min

Lab File: BF129614.D

Acq: 05 Aug 2022 22:58

Tgt Ion:	276	Resp:	54876
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.1	31.7
277	25.3	20.3	30.5





#88

Benzo(b)fluoranthene

Concen: 7.995 ng m

RT: 15.063 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF129614.D

Acq: 05 Aug 2022 22:58

Instrument :

BNA_F

ClientSampleId :

RVE-182

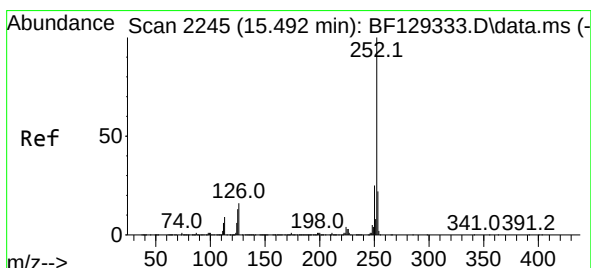
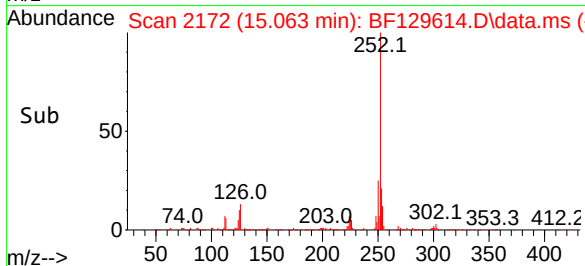
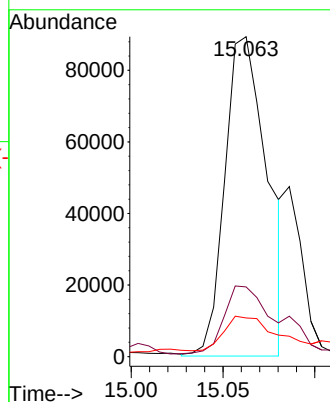
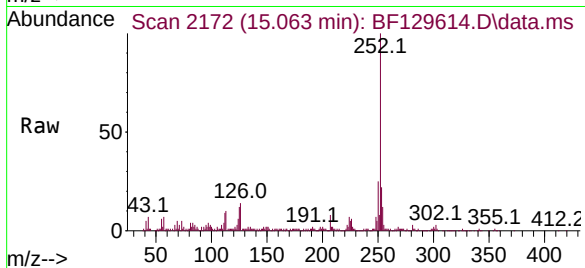
Tgt Ion:252 Resp: 143289
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 12.1 8.0 12.0

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: 6.532 ng

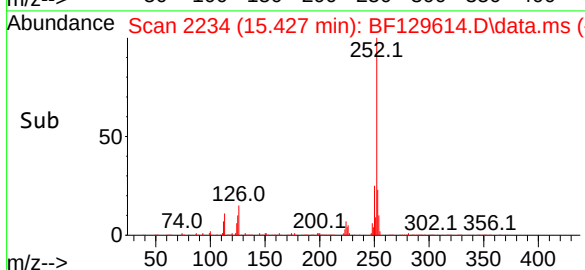
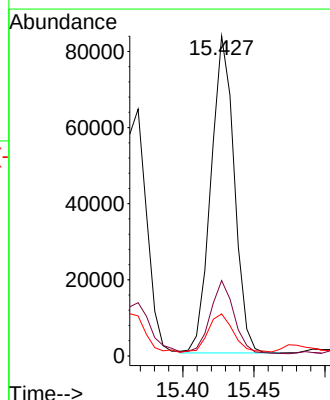
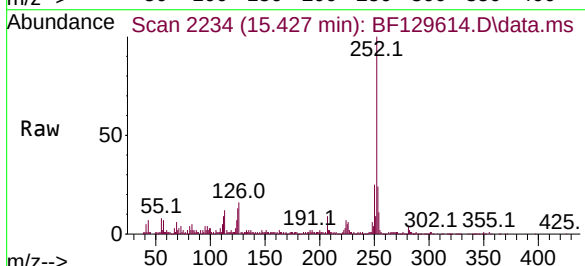
RT: 15.427 min Scan# 2234

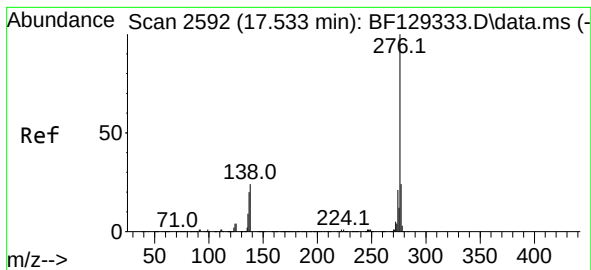
Delta R.T. -0.012 min

Lab File: BF129614.D

Acq: 05 Aug 2022 22:58

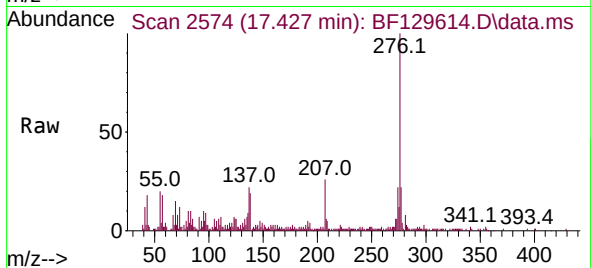
Tgt Ion:252 Resp: 95031
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.0 25.6
 125 13.1 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 4.070 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.023 min
Lab File: BF129614.D
Acq: 05 Aug 2022 22:58

Instrument :
BNA_F
ClientSampleId :
RVE-182



Tgt Ion: 276 Resp: 61591
Ion Ratio Lower Upper
276 100
277 22.1 19.1 28.7
138 19.5 18.0 27.0

Manual Integrations
APPROVED

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

