

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129641.D
 Acq On : 08 Aug 2022 20:33
 Operator : CG\JU
 Sample : N4064-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 00:35:24 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	165202	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	659724	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	348588	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	571766	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	262121	20.000	ng	-0.01
86) Perylene-d12	15.492	264	323671	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	901193	88.863	ng	0.00
7) Phenol-d6	6.487	99	1161221	91.097	ng	-0.02
23) Nitrobenzene-d5	7.404	82	747821	61.878	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	279397	83.367	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1378503	61.175	ng	-0.01
79) Terphenyl-d14	12.957	244	1123096	80.833	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	201201	6.446	ng	98
75) Fluoranthene	12.586	202	271434	8.583	ng	99
78) Pyrene	12.816	202	225399	10.283	ng	98
81) Benzo(a)anthracene	14.004	228	76350	4.264	ng	99
83) Chrysene	14.039	228	70051	4.151	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	55789	2.560	ng	96
88) Benzo(b)fluoranthene	15.057	252	100736m	4.692	ng	
90) Benzo(a)pyrene	15.427	252	76200	4.372	ng	# 97
92) Benzo(g,h,i)perylene	17.421	276	51391	2.835	ng	96

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

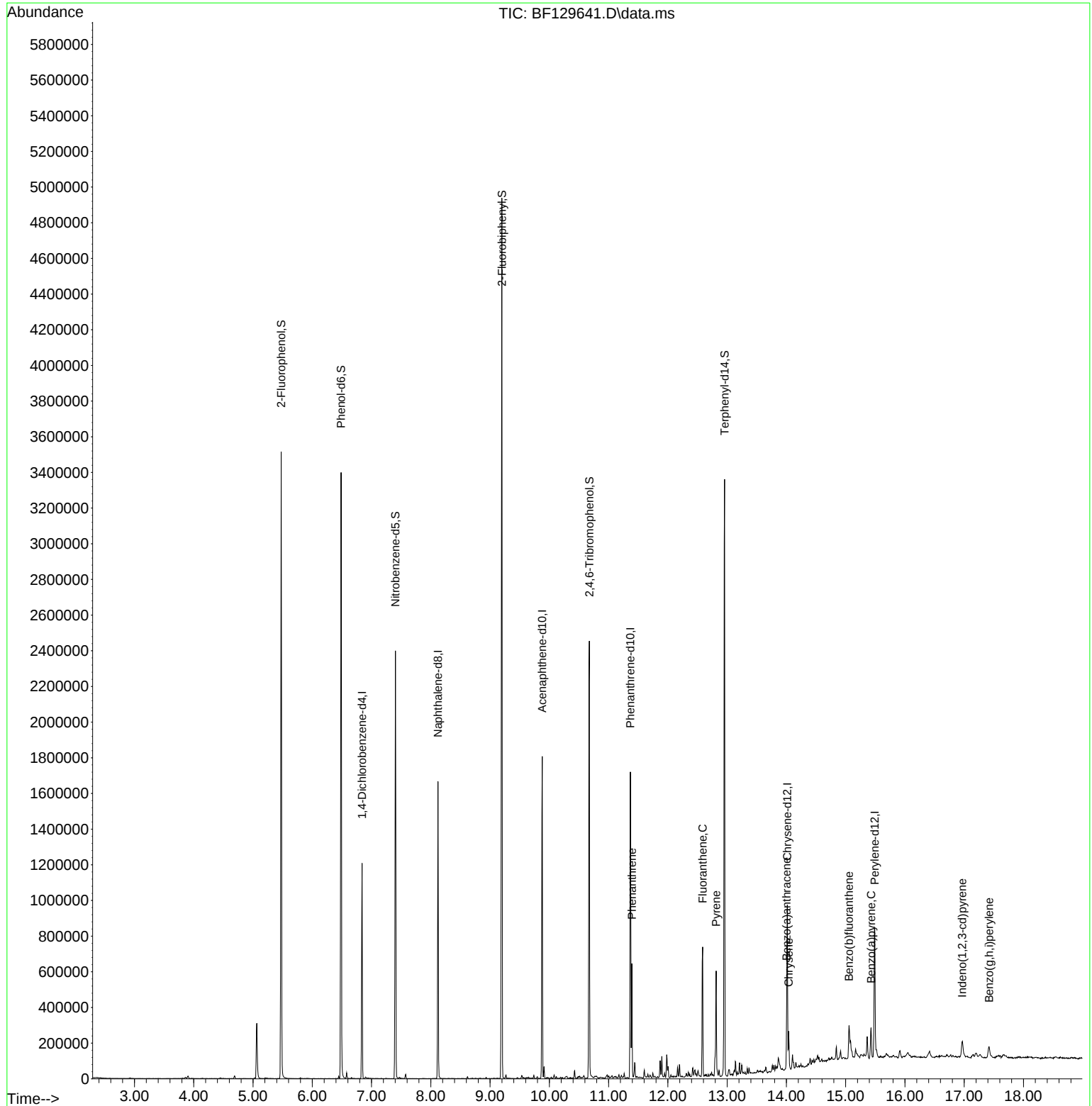
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129641.D
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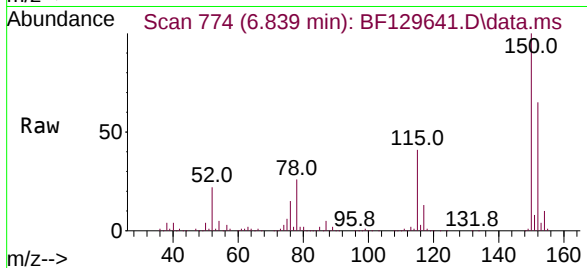
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Supervised By :Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

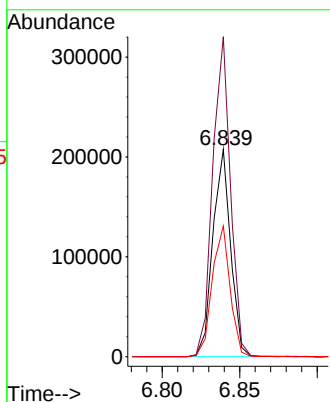
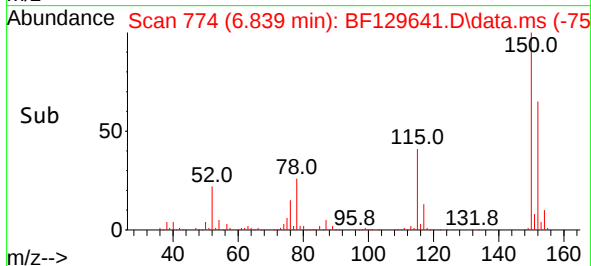
Instrument :
BNA_F
ClientSampleId :
SB-17



Tgt Ion:152 Resp: 165202
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.1 49.9 74.9

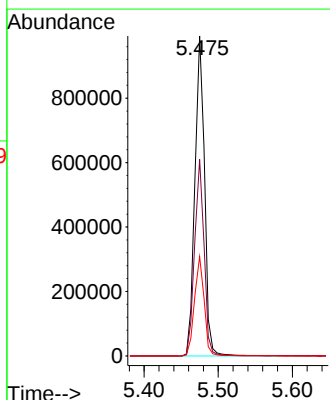
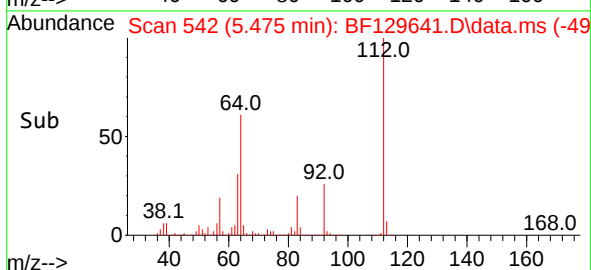
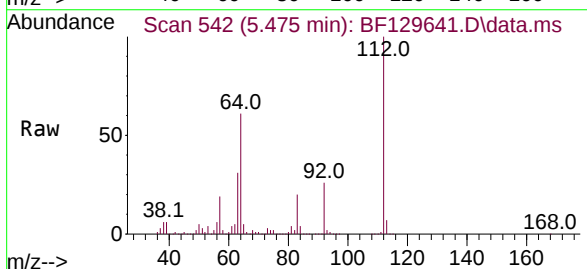
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#5
2-Fluorophenol
Concen: 88.863 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

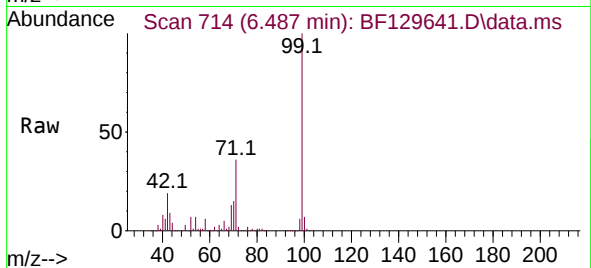
Tgt Ion:112 Resp: 901193
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 31.0 28.0 42.0





#7
Phenol-d6
Concen: 91.097 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

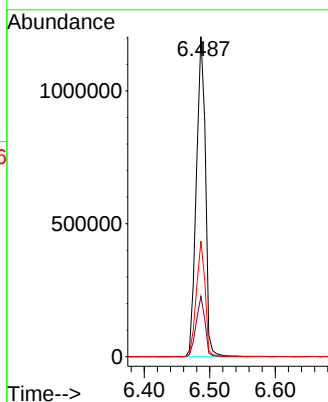
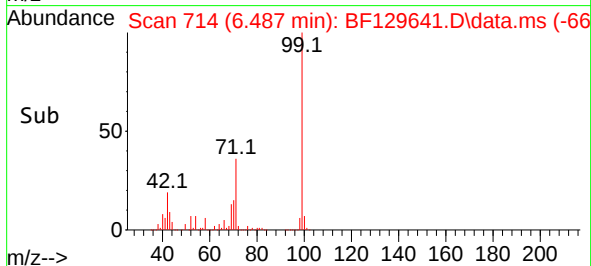
Instrument :
BNA_F
ClientSampleId :
SB-17



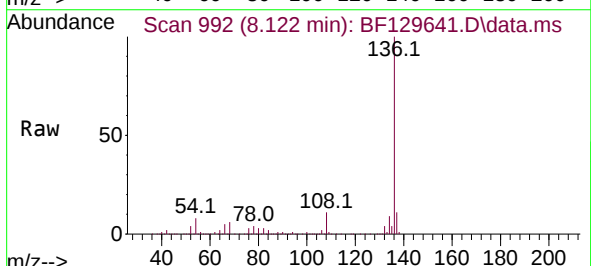
Tgt Ion: 99 Resp: 116122
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.1 28.9 43.3

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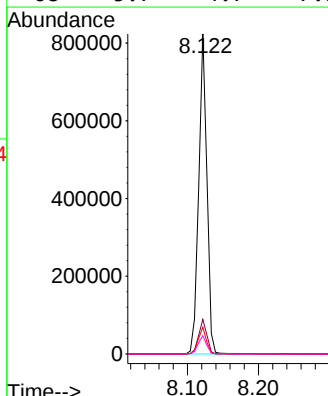
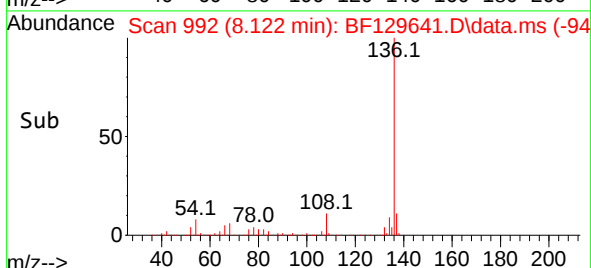
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Supervised By :Jagrut Upadhyay 08/09/2022

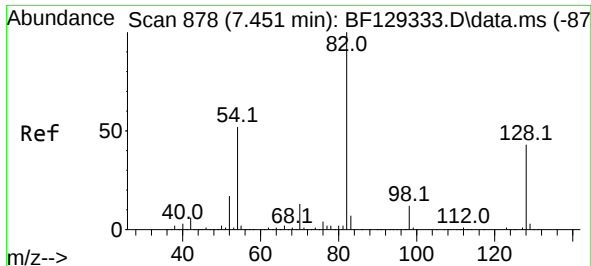


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33



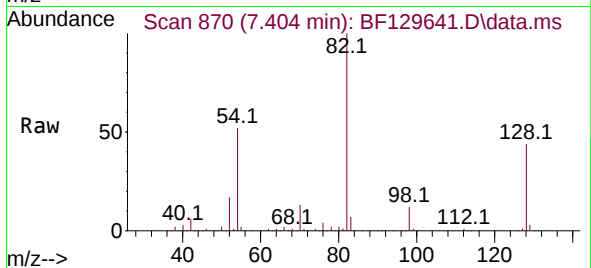
Tgt Ion:136 Resp: 659724
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 61.878 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

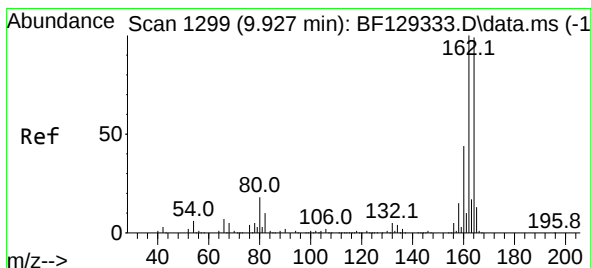
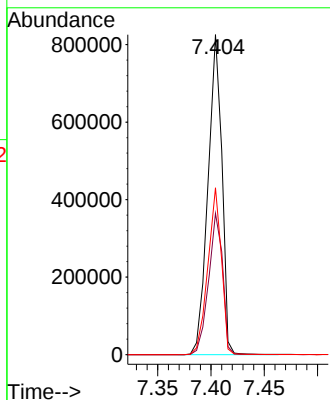
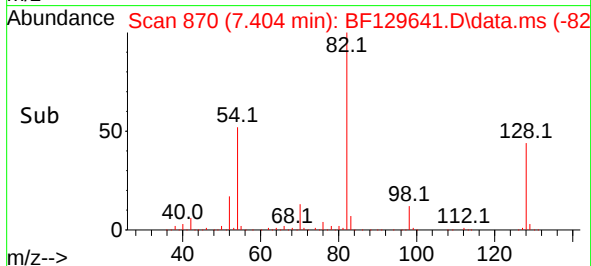
Instrument :
BNA_F
ClientSampleId :
SB-17



Tgt Ion: 82 Resp: 74782
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.1 46.9 70.3

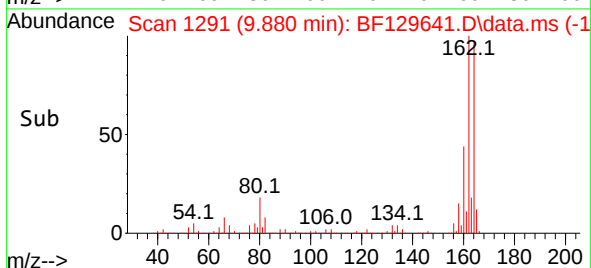
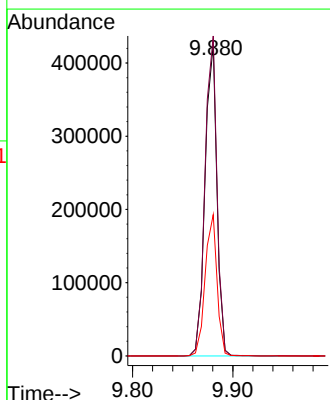
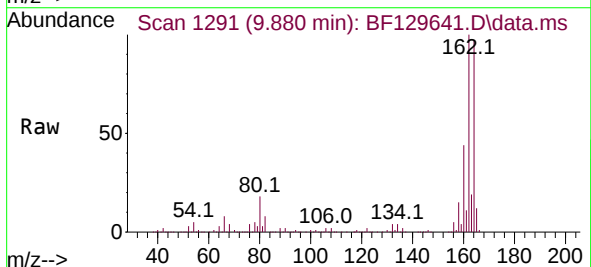
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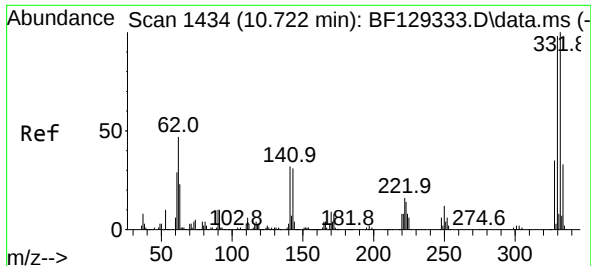
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:164 Resp: 348588
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.4 34.2 51.4





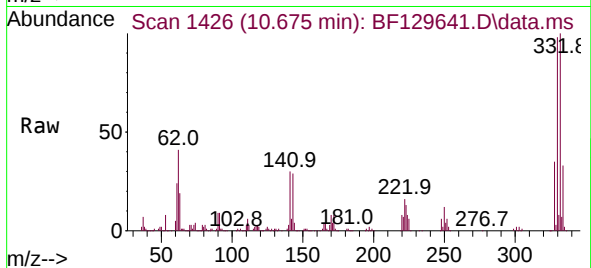
#42
2,4,6-Tribromophenol
Concen: 83.367 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Instrument :

BNA_F

ClientSampleId :

SB-17

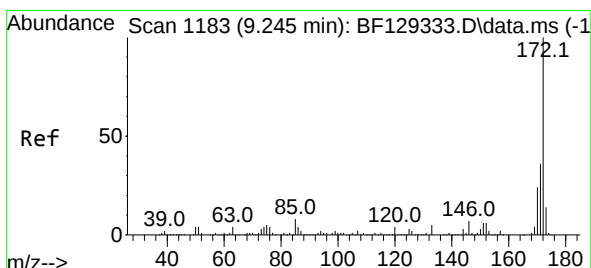
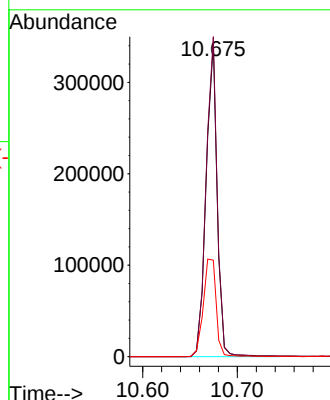
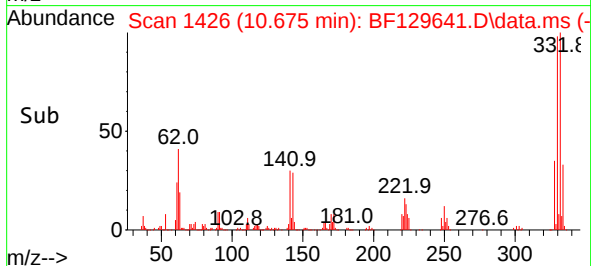


Tgt Ion: 330 Resp: 279397
Ion Ratio Lower Upper
330 100
332 102.5 76.8 115.2
141 36.1 28.0 42.0

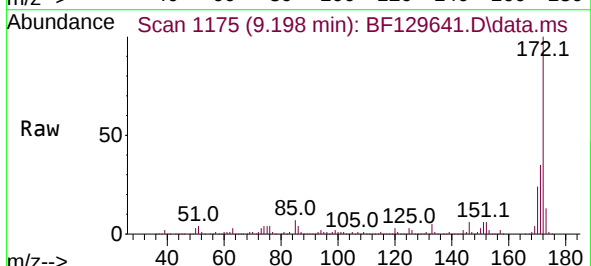
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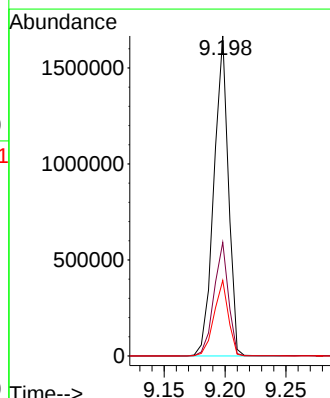
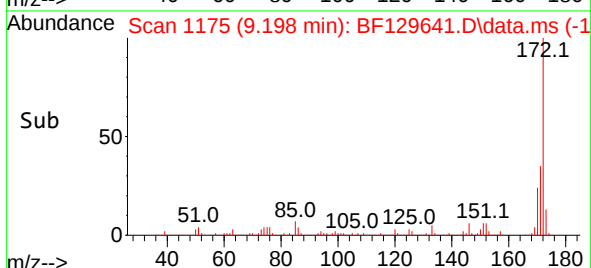
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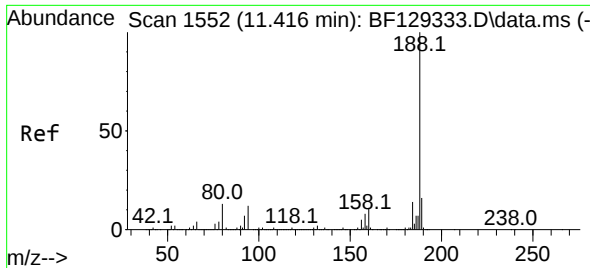


#45
2-Fluorobiphenyl
Concen: 61.175 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33



Tgt Ion: 172 Resp: 1378503
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8





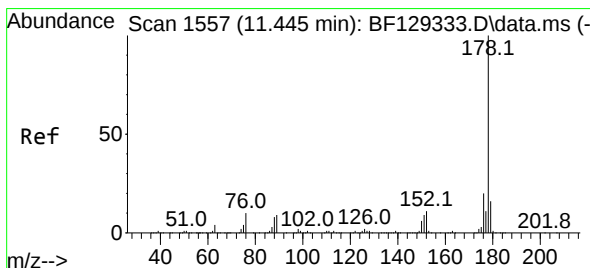
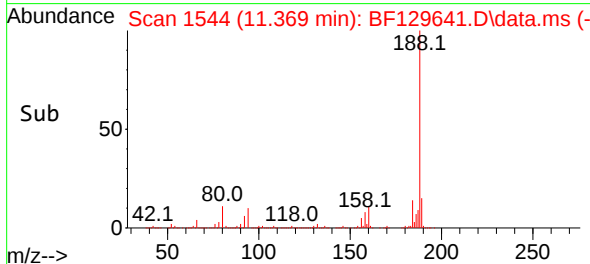
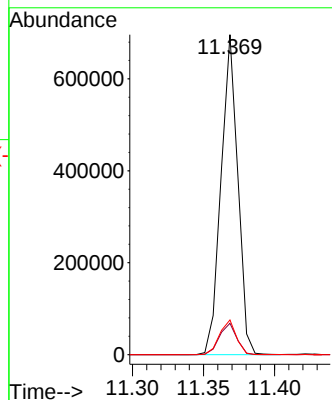
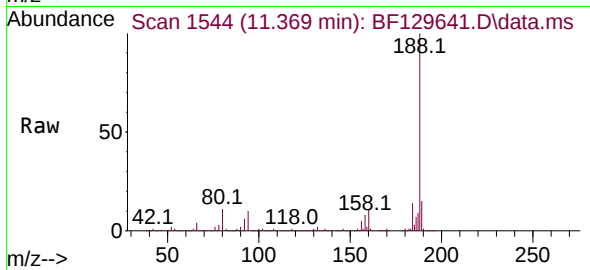
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:188 Resp: 571766
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.8 7.6 11.4

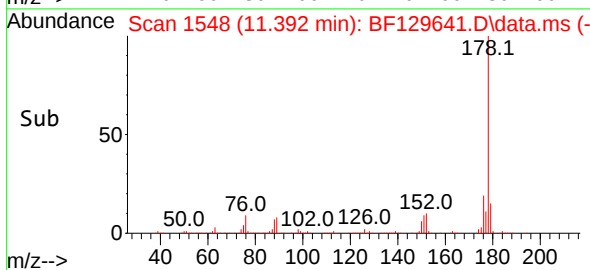
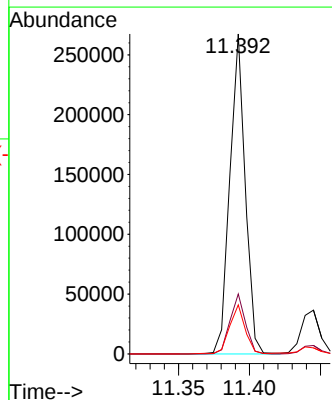
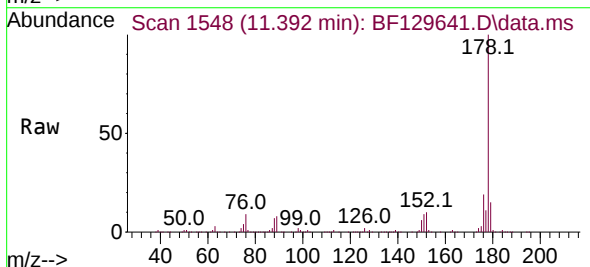
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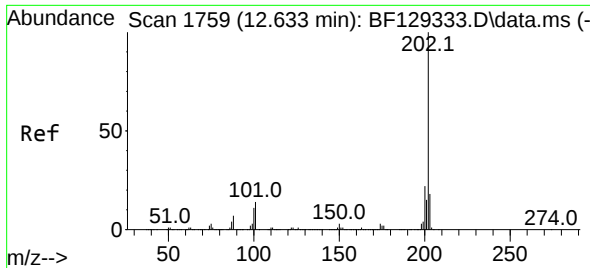
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#71
Phenanthrene
Concen: 6.446 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

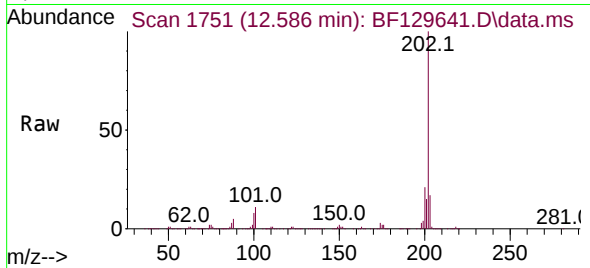
Tgt Ion:178 Resp: 201201
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 12.6 19.0





#75
Fluoranthene
Concen: 8.583 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

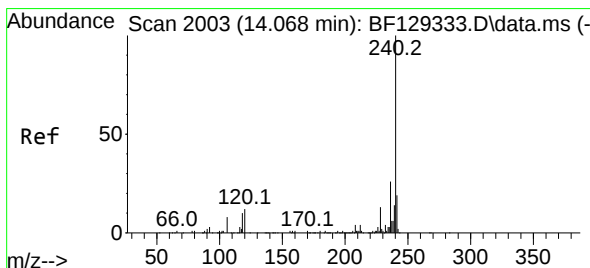
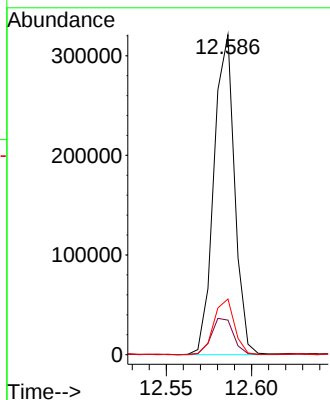
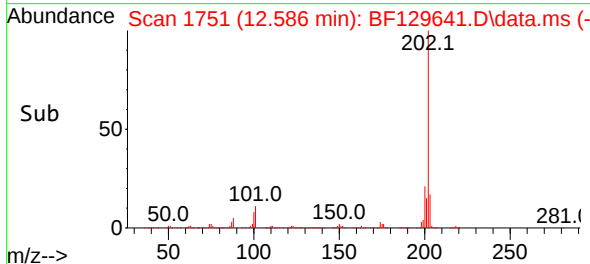
Instrument :
BNA_F
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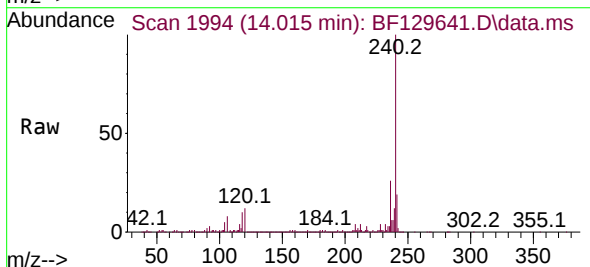
Tgt Ion:202 Resp: 271434
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.4 0.0 38.0

Manual Integrations
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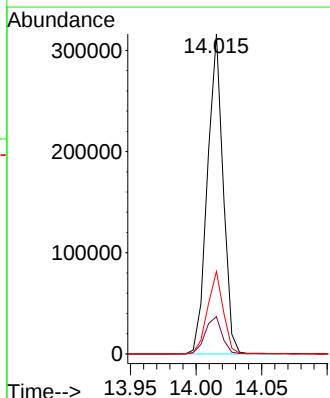
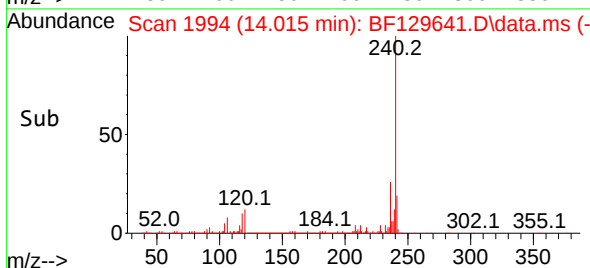
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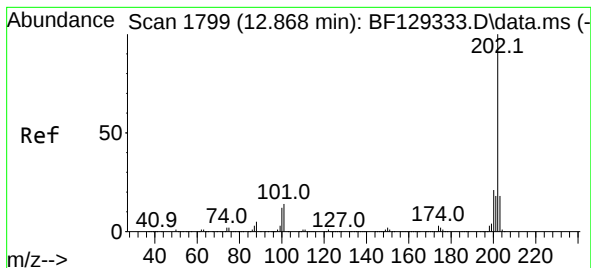


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33



Tgt Ion:240 Resp: 262121
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.8 31.2





#78

Pyrene

Concen: 10.283 ng

RT: 12.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

Instrument :

BNA_F

ClientSampleId :

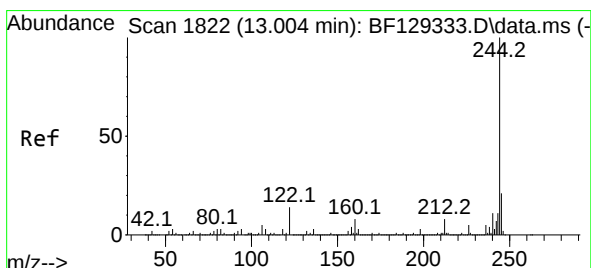
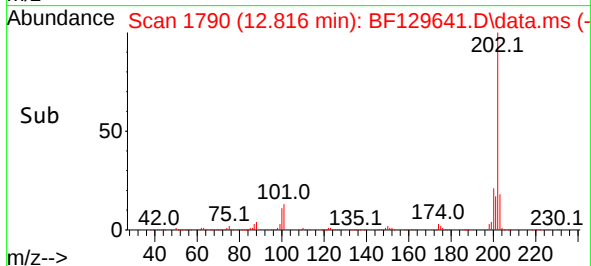
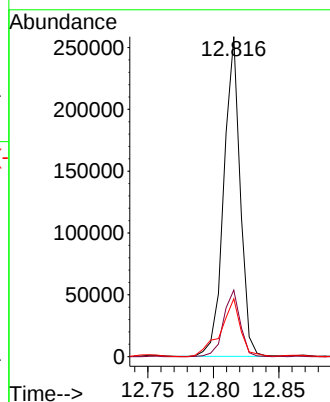
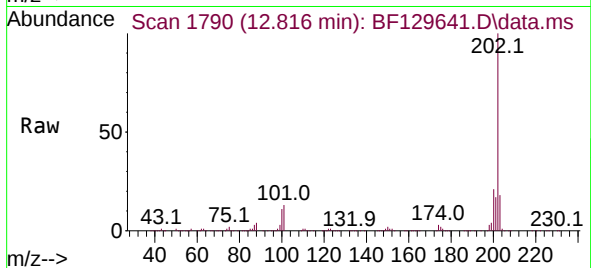
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Tgt Ion:202 Resp: 225399
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.7 26.5
 203 18.1 14.6 21.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 80.833 ng

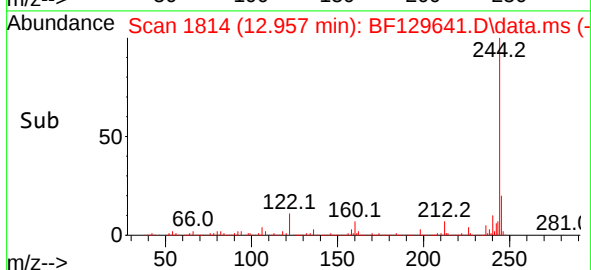
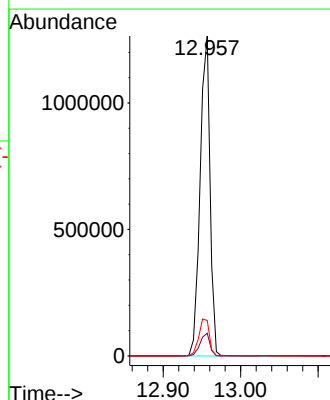
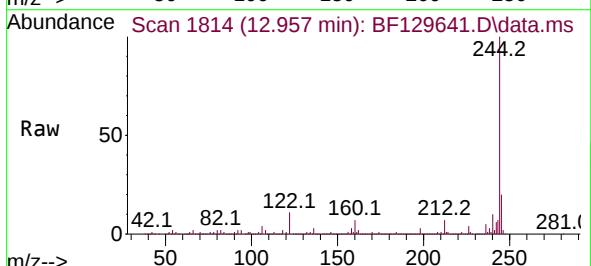
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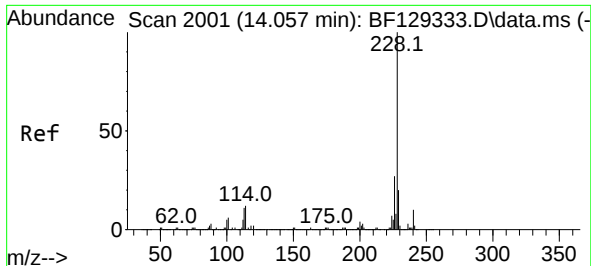
Delta R.T. -0.012 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

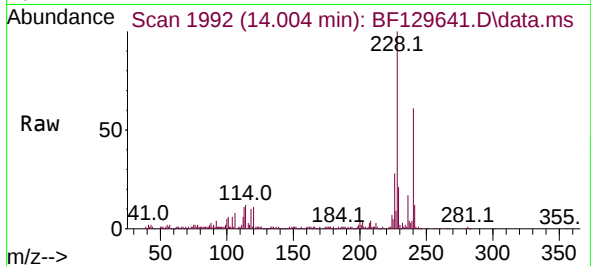
Tgt Ion:244 Resp: 1123096
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.1 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.264 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

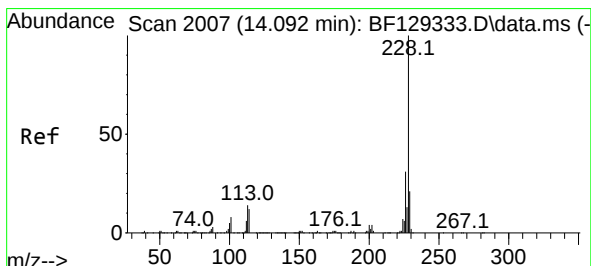
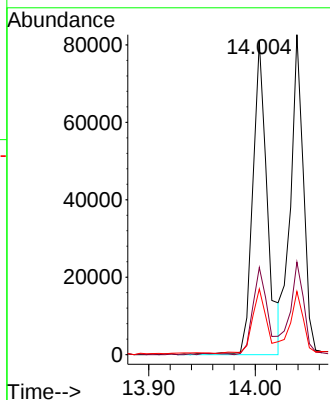
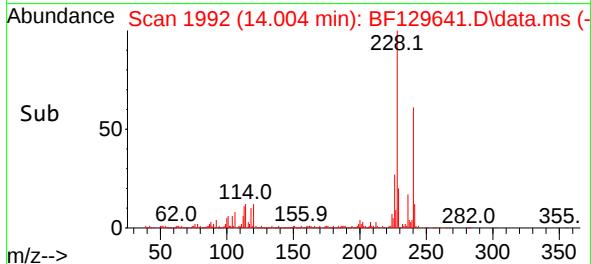
Instrument :
BNA_F
ClientSampleId :
SB-17



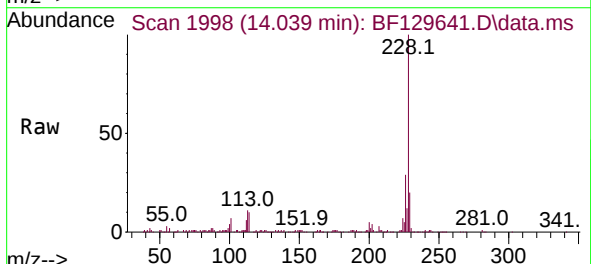
Tgt Ion:228 Resp: 76350
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.9 15.8 23.8

Manual Integrations
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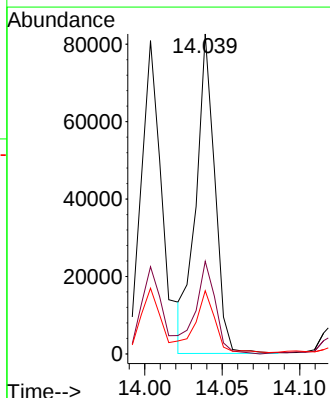
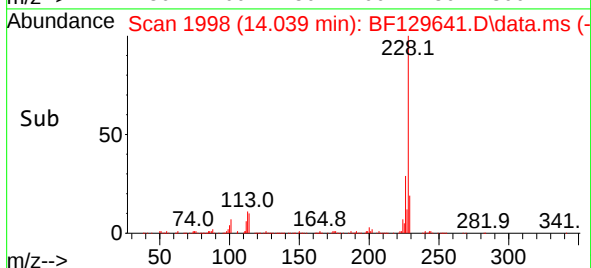
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

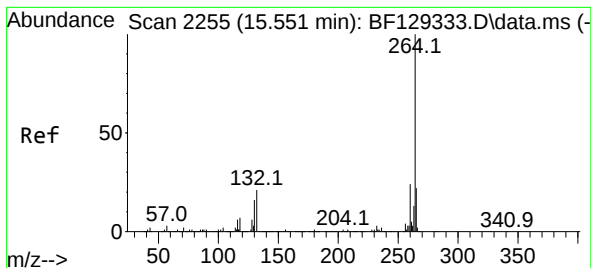


#83
Chrysene
Concen: 4.151 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33



Tgt Ion:228 Resp: 70051
Ion Ratio Lower Upper
228 100
226 28.9 24.3 36.5
229 19.7 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: BF129641.D

Acq: 08 Aug 2022 20:33

Instrument :

BNA_F

ClientSampleId :

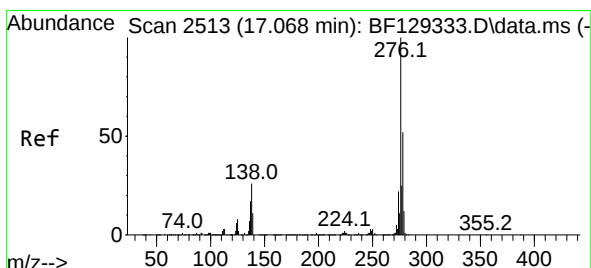
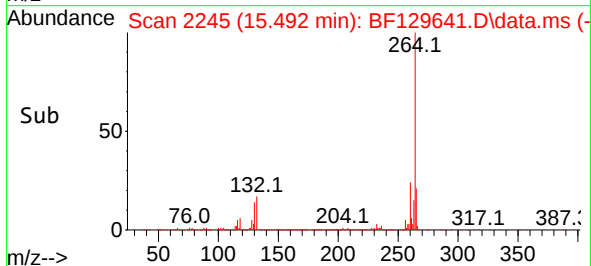
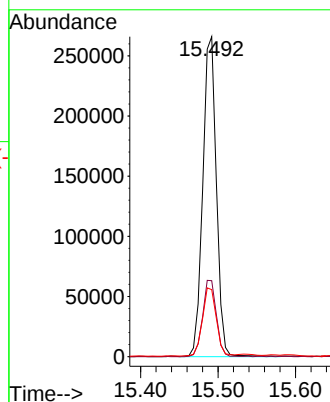
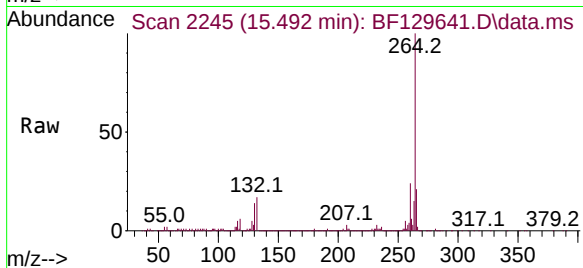
SB-17

Tgt Ion:264	Resp:	32367
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.4 27.6
265	20.9	17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.560 ng

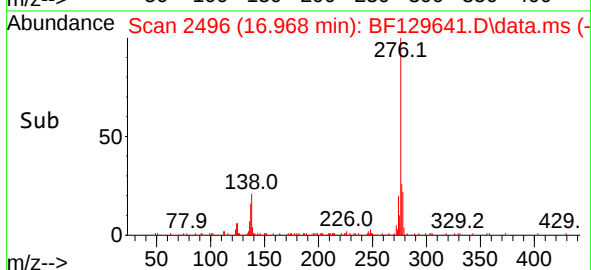
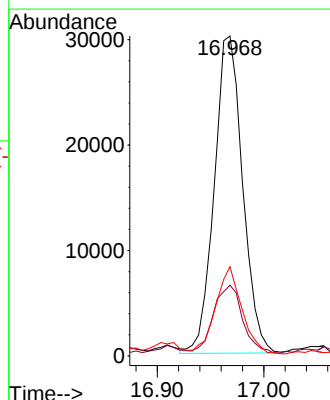
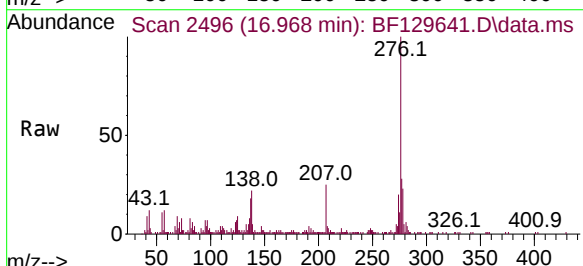
RT: 16.968 min Scan# 2496

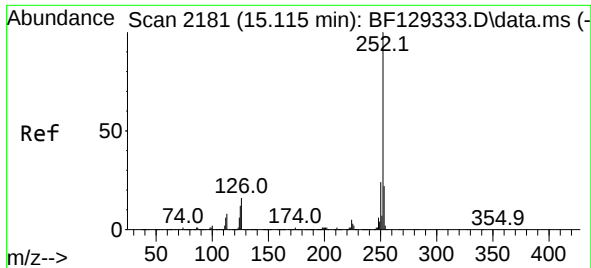
Delta R.T. -0.030 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

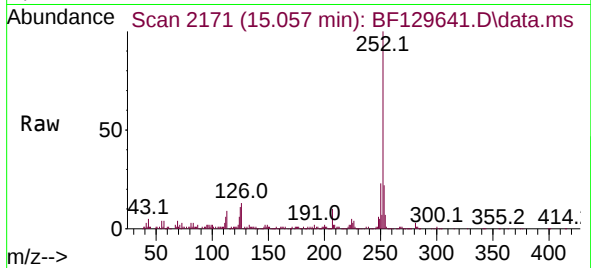
Tgt Ion:276	Resp:	55789
Ion Ratio	Lower	Upper
276	100	
138	22.0	21.1 31.7
277	25.5	20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.692 ng m
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

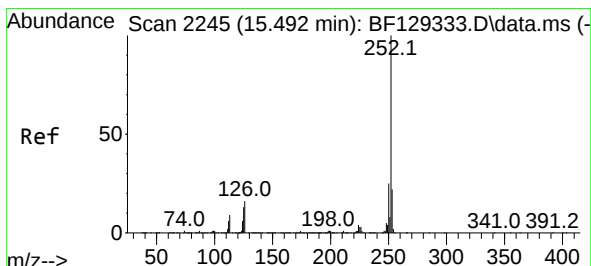
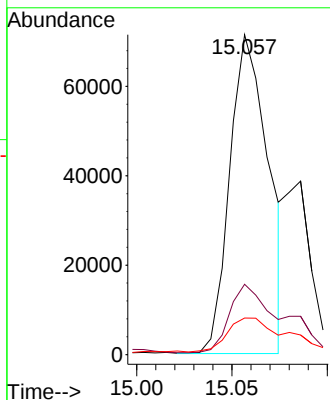
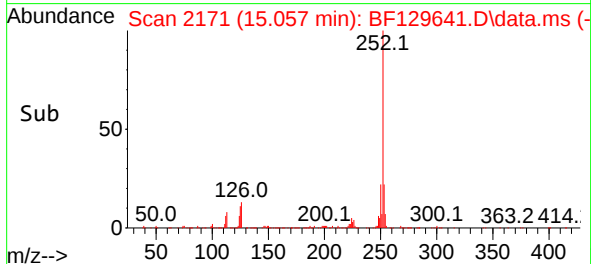
Instrument :
BNA_F
ClientSampleId :
SB-17



Tgt Ion:252 Resp: 100736
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.4 8.0 12.0

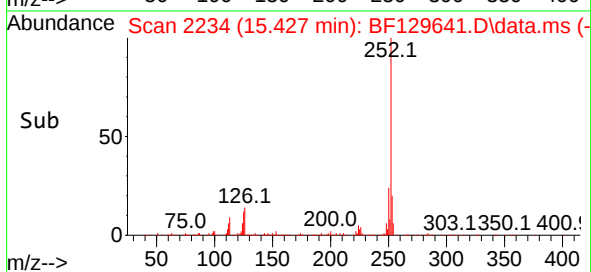
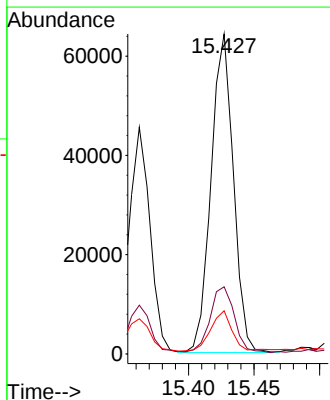
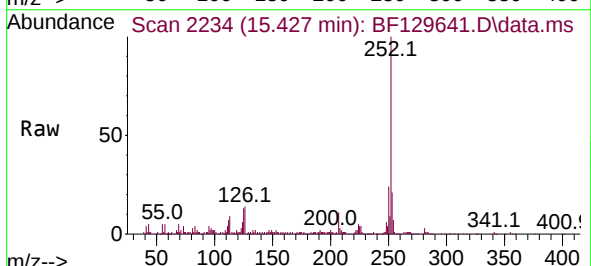
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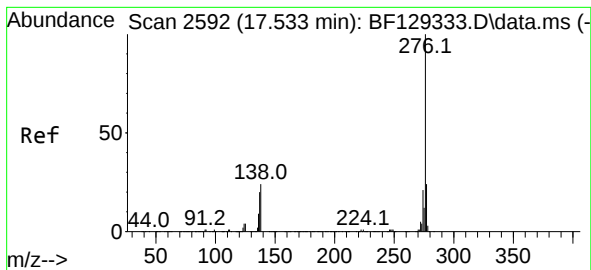
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#90
Benzo(a)pyrene
Concen: 4.372 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

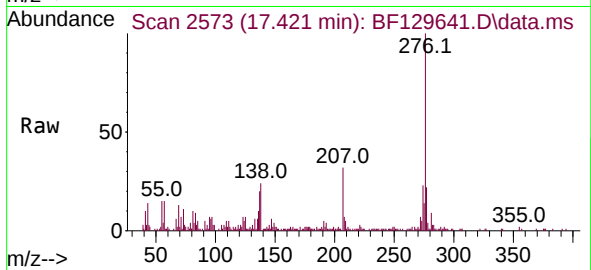
Tgt Ion:252 Resp: 76200
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 13.5 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.835 ng
 RT: 17.421 min Scan# 2573
 Delta R.T. -0.029 min
 Lab File: BF129641.D
 Acq: 08 Aug 2022 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-17



Tgt Ion: 276 Resp: 5139
 Ion Ratio Lower Upper
 276 100
 277 21.7 19.1 28.7
 138 24.3 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

