

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126579.D
 Acq On : 10 Jan 2022 21:01
 Operator : JU/CG
 Sample : N1076-07 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 01:39:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	79008	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	301102	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	123541	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	185217	20.000	ng	0.00
76) Chrysene-d12	13.939	240	172607	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	144065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	288440	52.427	ng	0.00
7) Phenol-d6	6.398	99	339943	47.705	ng	-0.01
23) Nitrobenzene-d5	7.328	82	199727	34.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	51441	53.884	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	290953	41.444	ng	-0.01
79) Terphenyl-d14	12.880	244	255833	28.798	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.316	178	20681	2.184	ng	97
75) Fluoranthene	12.504	202	77202	8.933	ng	100
78) Pyrene	12.733	202	76740	5.261	ng	98
81) Benzo(a)anthracene	13.927	228	43752	4.408	ng	94
83) Chrysene	13.969	228	42646	4.188	ng	99
87) Indeno(1,2,3-cd)pyrene	16.815	276	20113	2.086	ng	96
88) Benzo(b)fluoranthene	14.980	252	49836m	5.807	ng	
89) Benzo(k)fluoranthene	15.010	252	21124m	2.541	ng	
90) Benzo(a)pyrene	15.339	252	37354	5.191	ng	93
92) Benzo(g,h,i)perylene	17.245	276	20105	2.427	ng	94

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

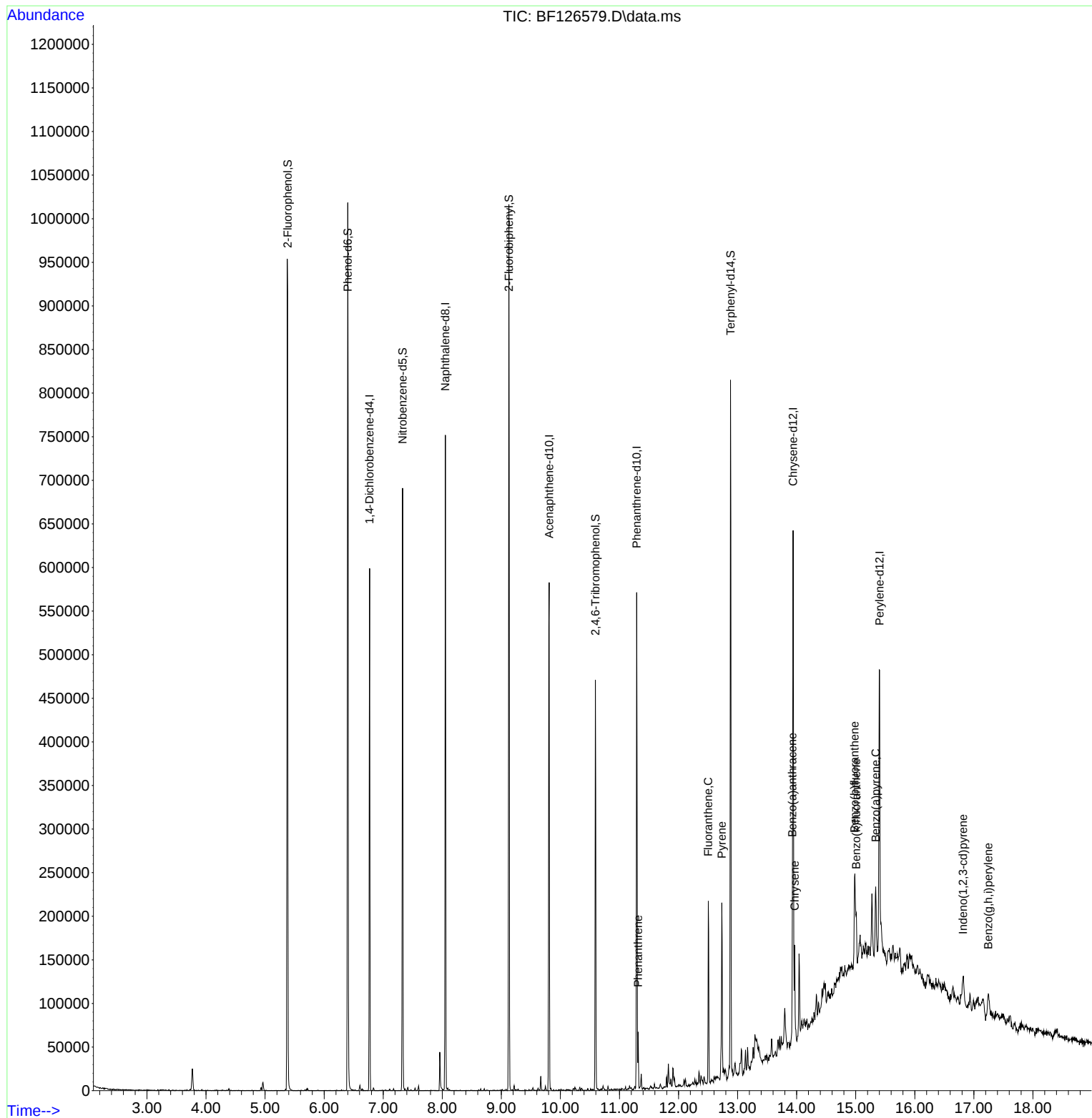
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126579.D
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Sample : N1076-07 2X
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ALS Vial : 22 Sample Multiplier: 1

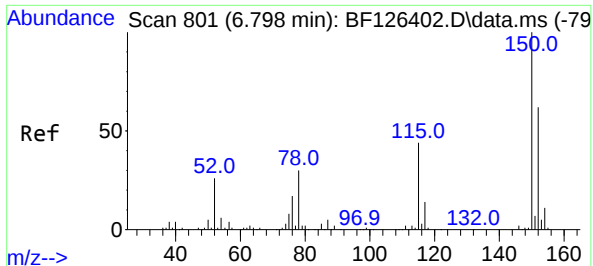
Instrument :
BNA_F
ClientSampleId :
SB-07

Quant Time: Jan 11 01:39:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

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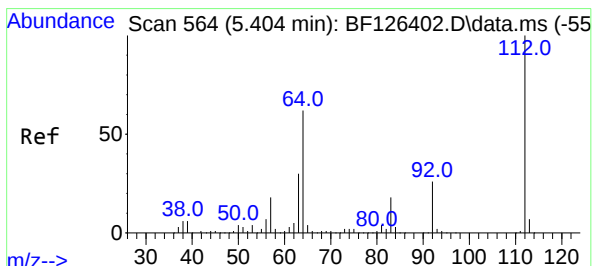
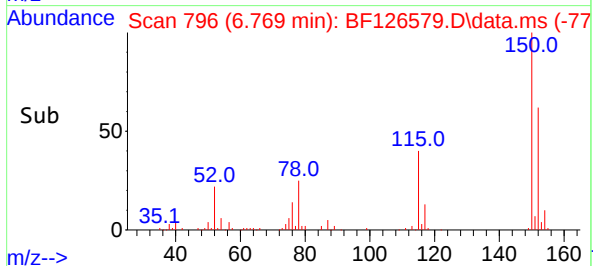
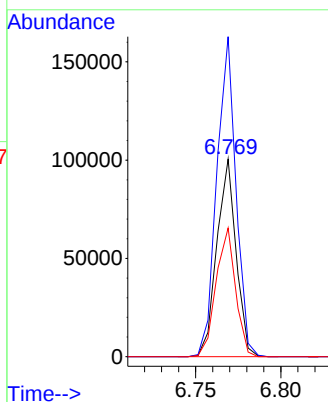
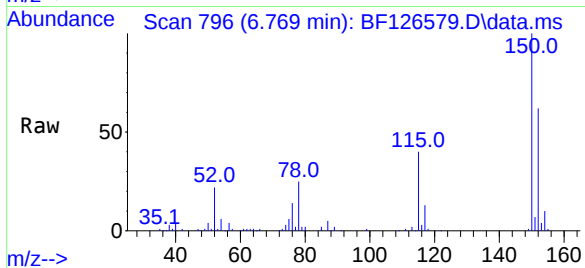
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:152 Resp: 79000
Ion Ratio Lower Upper
152 100
150 162.0 128.1 192.1
115 65.2 56.7 85.1

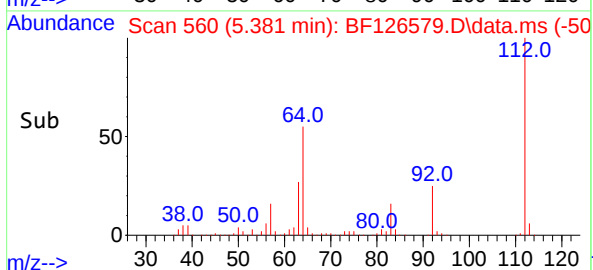
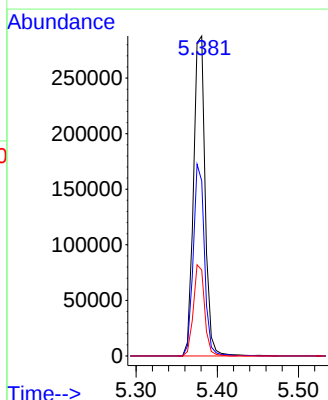
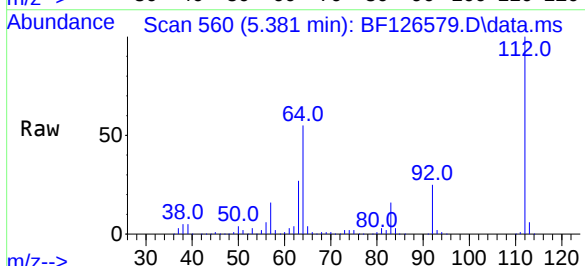
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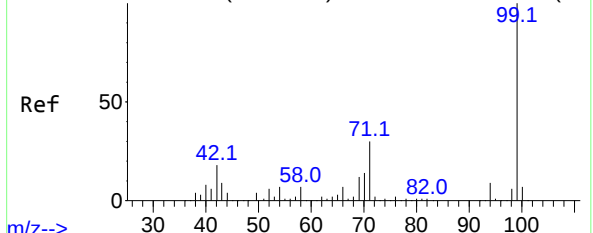


#5
2-Fluorophenol
Concen: 52.427 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

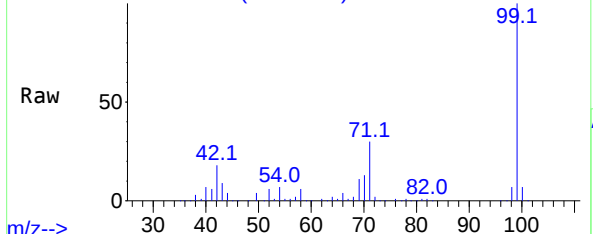
Tgt Ion:112 Resp: 288440
Ion Ratio Lower Upper
112 100
64 54.7 49.5 74.3
63 26.8 23.9 35.9



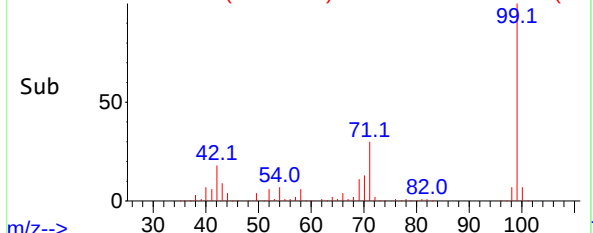
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m/z--> Scan 733 (6.398 min): BF126579.D\data.ms

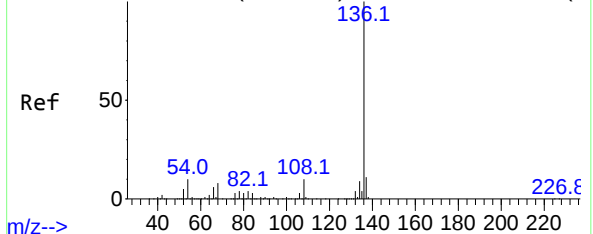


m/z--> Abundance Scan 733 (6.398 min): BF126579.D\data.ms (-68

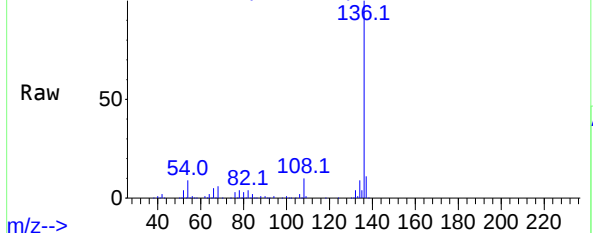


m/z-->

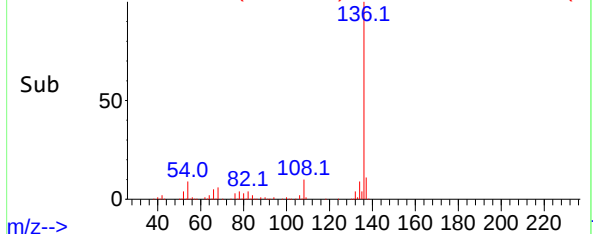
Abundance Scan 1019 (8.080 min): BF126402.D\data.ms (-1



m/z--> Abundance Scan 1014 (8.051 min): BF126579.D\data.ms



m/z--> Abundance Scan 1014 (8.051 min): BF126579.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 47.705 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126579.D

Acq: 10 Jan 2022 21:01

Tgt Ion: 99 Resp: 33994

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

71 30.5 24.3 36.5

Instrument :

BNA_F

ClientSampleId :

SB-07

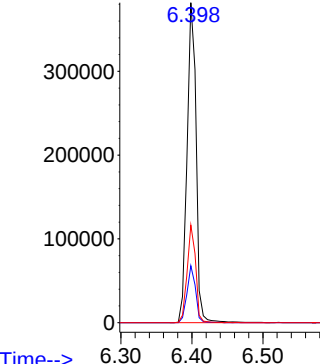
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Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF126579.D

Acq: 10 Jan 2022 21:01

Tgt Ion:136 Resp: 301102

Ion Ratio Lower Upper

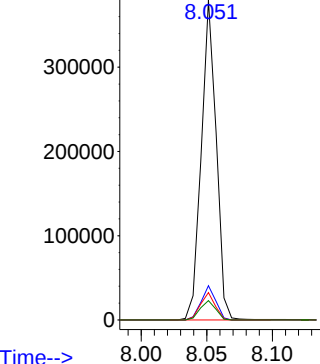
136 100

137 10.7 8.6 13.0

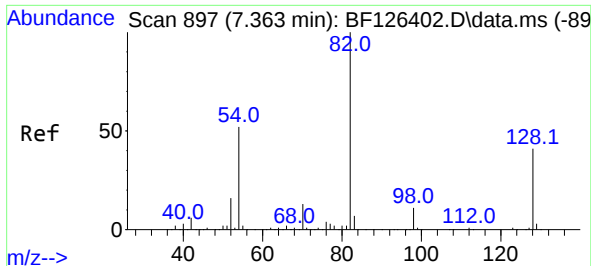
54 8.6 7.8 11.6

68 6.0 6.3 9.5

Abundance



Time-->



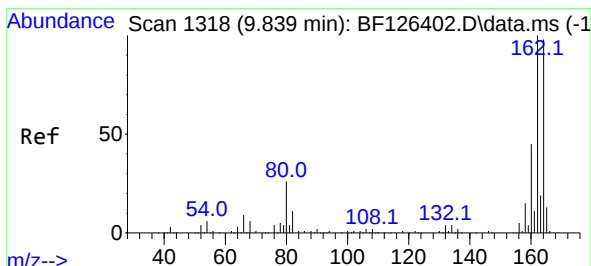
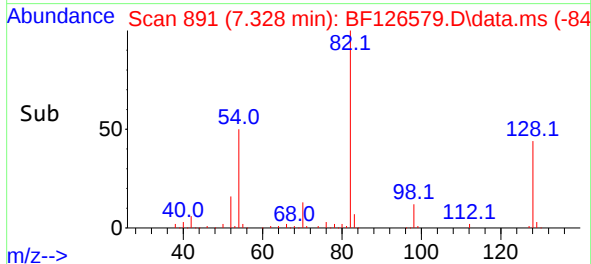
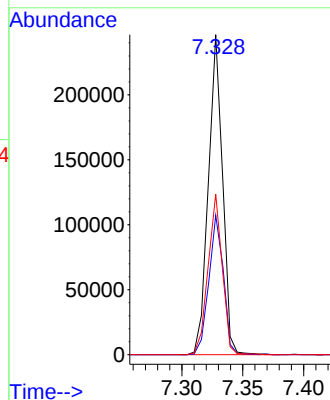
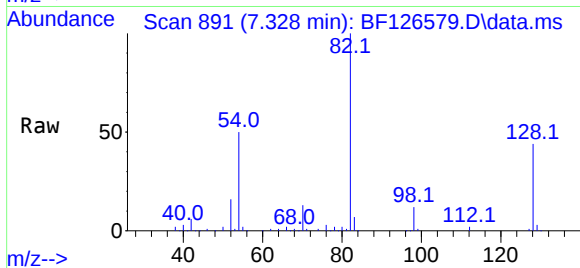
#23
Nitrobenzene-d5
Concen: 34.059 ng
RT: 7.328 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion: 82 Resp: 19972
Ion Ratio Lower Upper
82 100
128 43.6 32.7 49.1
54 50.2 41.7 62.5

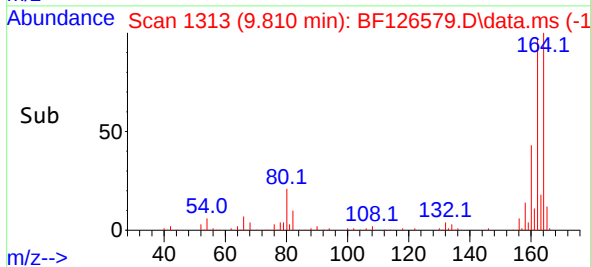
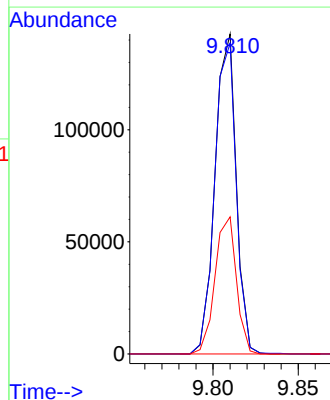
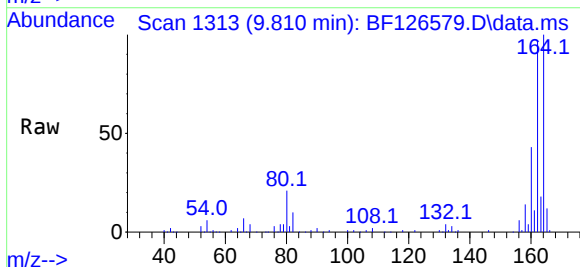
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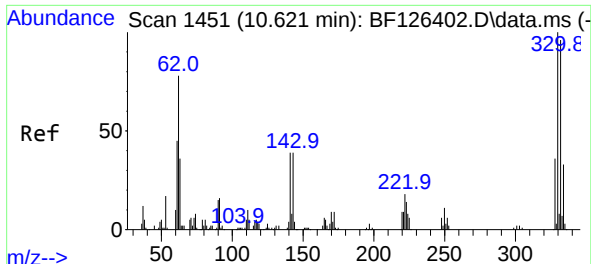
Reviewed By :Christian Giraldo 01/11/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:164 Resp: 123541
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 42.8 36.6 54.8





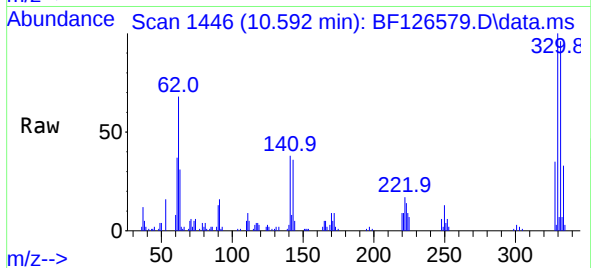
#42
2,4,6-Tribromophenol
Concen: 53.884 ng
RT: 10.592 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :

BNA_F

ClientSampleId :

SB-07

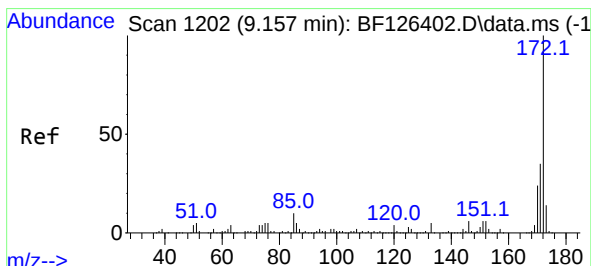
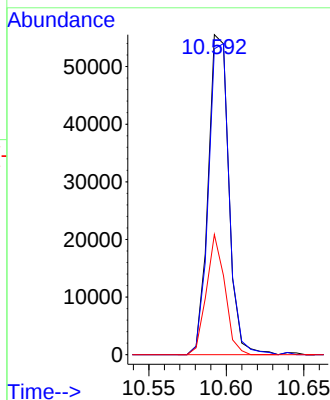
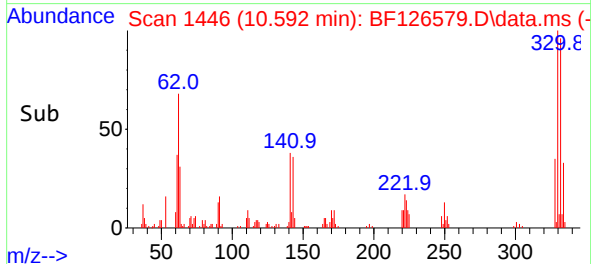


Tgt Ion:330 Resp: 5144
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 33.5 30.1 45.1

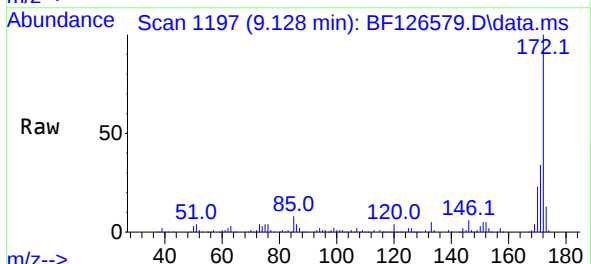
Manual Integrations

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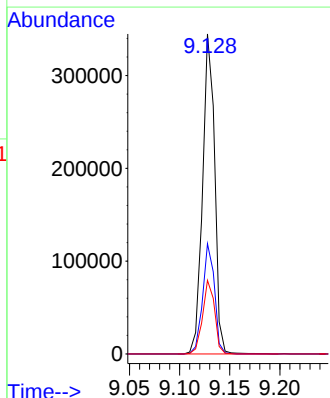
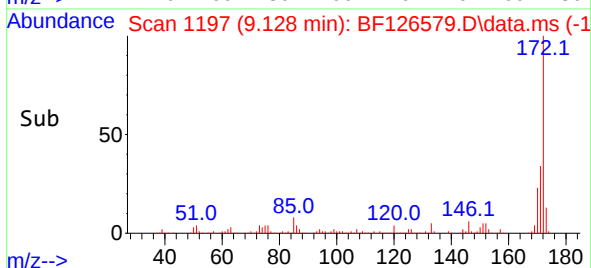
Reviewed By :Christian Giraldo 01/11/2022
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#45
2-Fluorobiphenyl
Concen: 41.444 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01



Tgt Ion:172 Resp: 290953
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 19.0 28.6





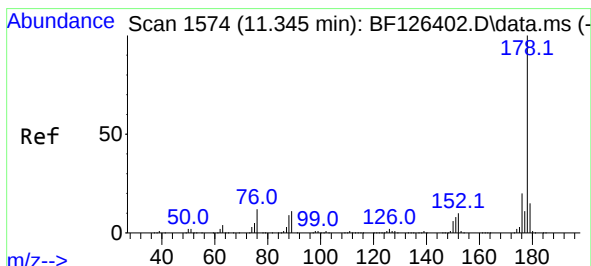
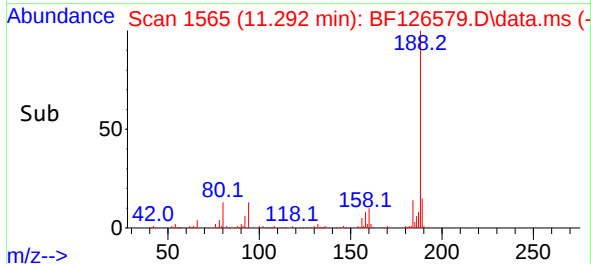
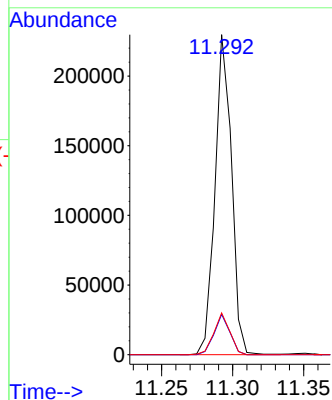
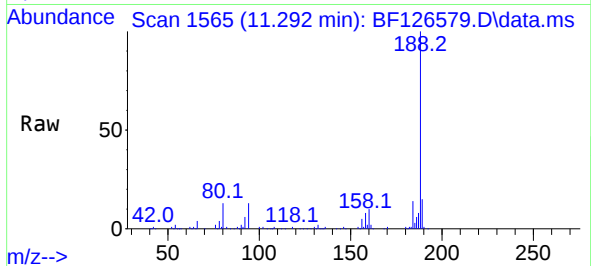
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:188 Resp: 18521
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 13.0 11.8 17.6

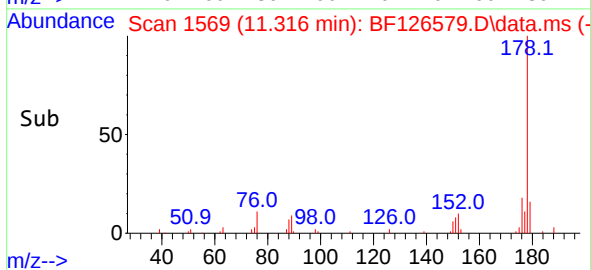
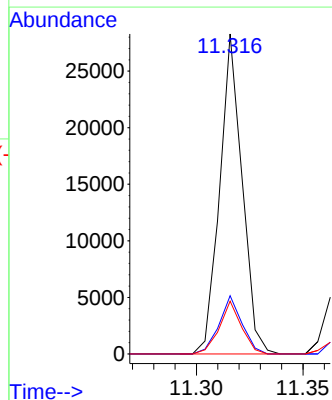
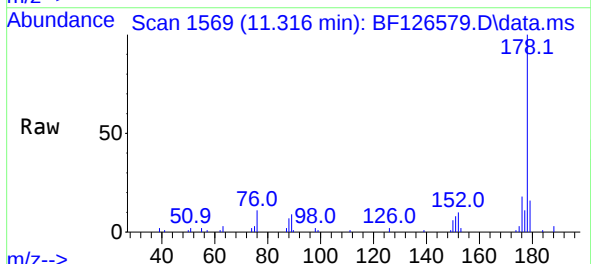
Manual Integrations
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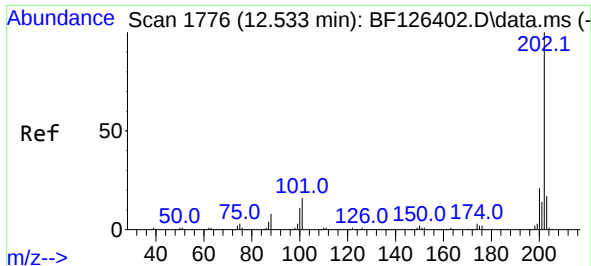
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#71
Phenanthrene
Concen: 2.184 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:178 Resp: 20681
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 16.5 12.3 18.5





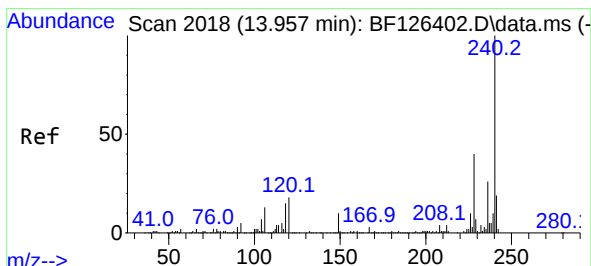
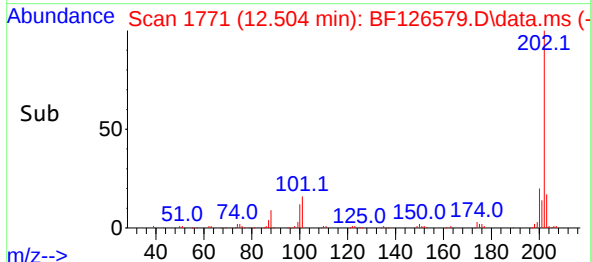
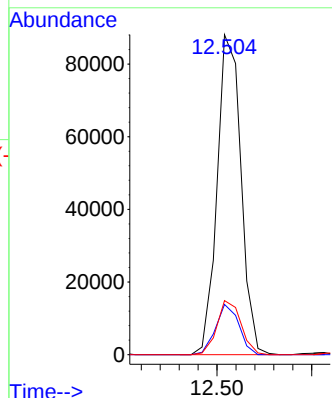
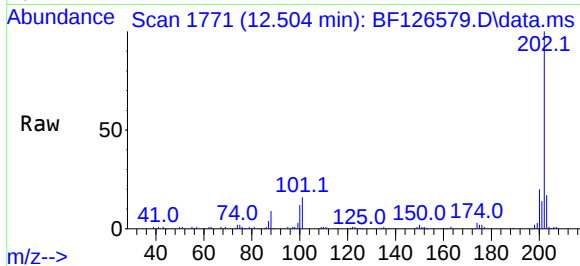
#75
Fluoranthene
Concen: 8.933 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:202 Resp: 7720
Ion Ratio Lower Upper
202 100
101 15.7 0.0 35.7
203 16.9 0.0 37.1

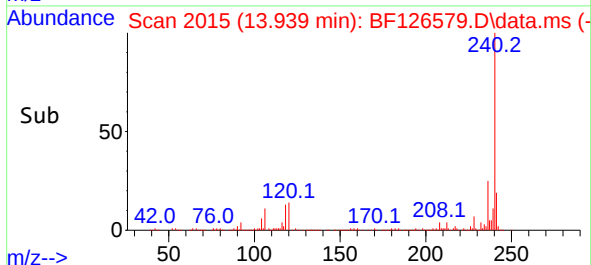
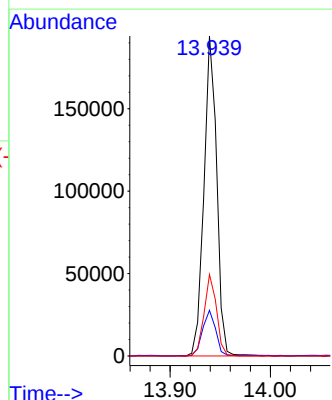
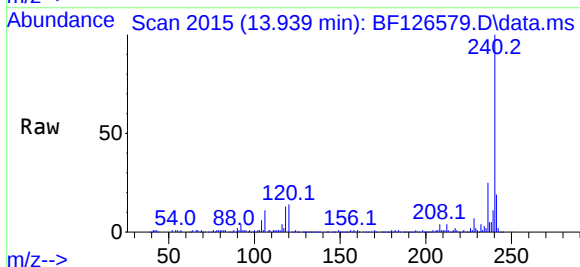
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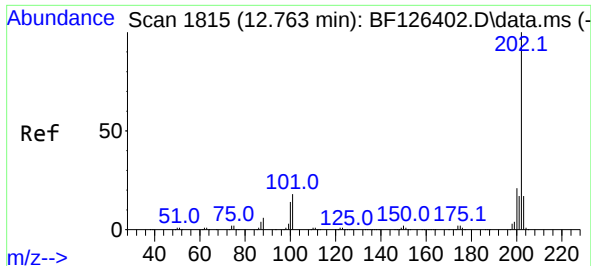
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

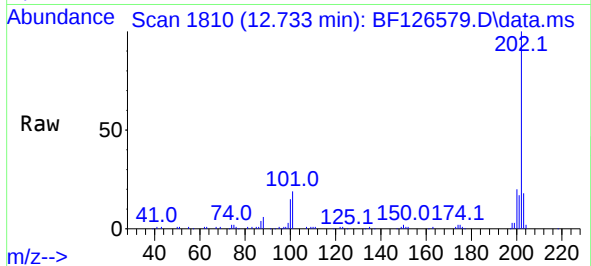
Tgt Ion:240 Resp: 172607
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 25.5 20.5 30.7





#78
Pyrene
Concen: 5.261 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

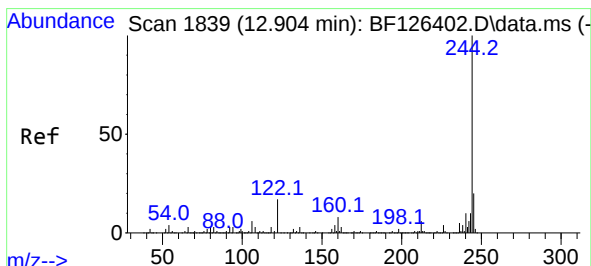
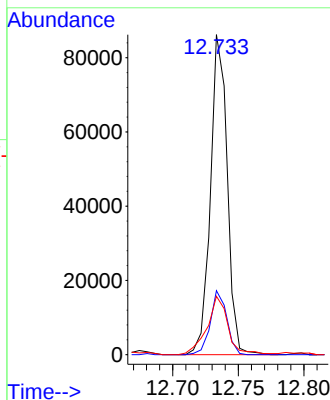
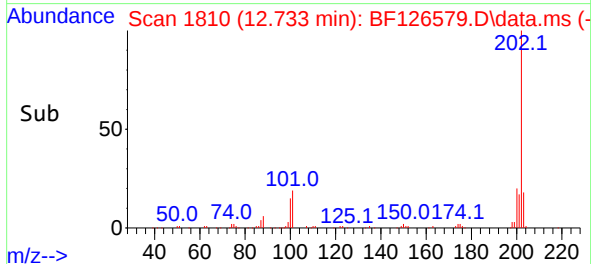
Instrument :
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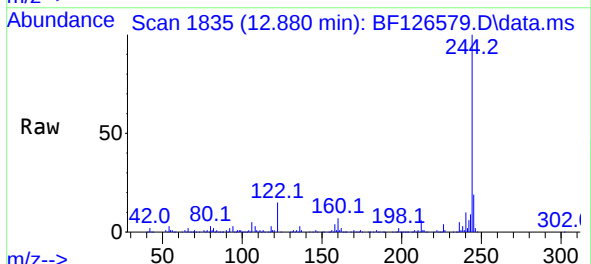
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Ion Ratio Lower Upper
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200 20.0 16.6 24.8
203 18.2 13.8 20.8

Manual Integrations
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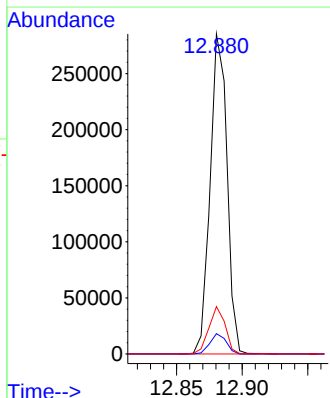
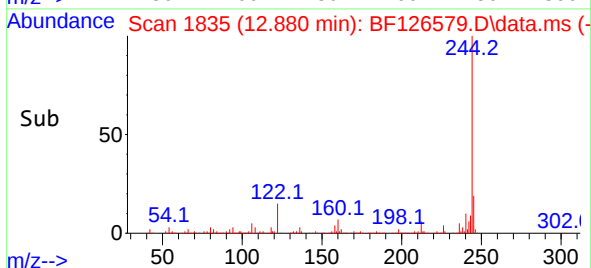
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

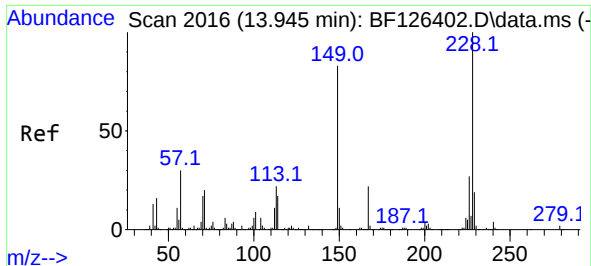


#79
Terphenyl-d14
Concen: 28.798 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01



Tgt Ion:244 Resp: 255833
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.8 13.3 19.9





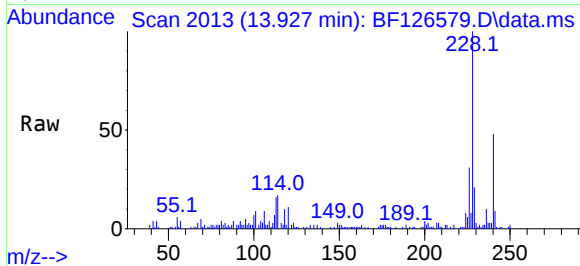
#81
Benzo(a)anthracene
Concen: 4.408 ng
RT: 13.927 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :

BNA_F

ClientSampleId :

SB-07

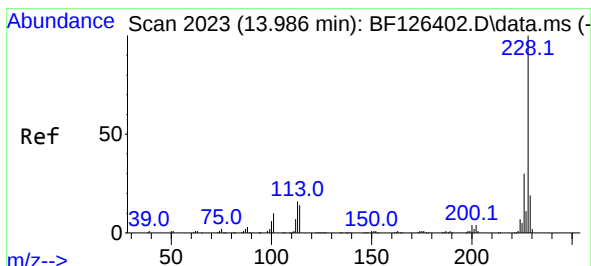
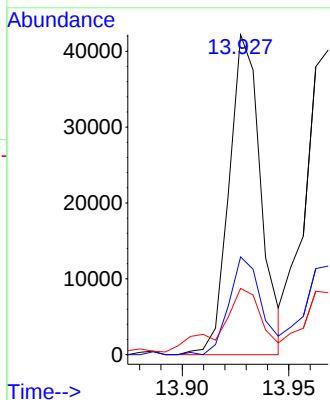
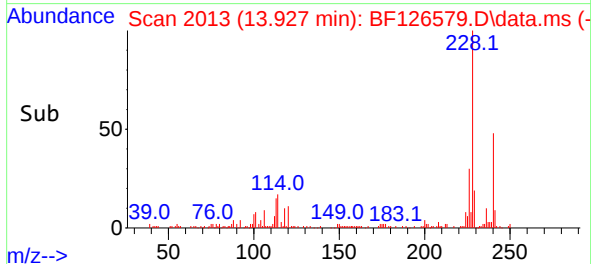


Tgt Ion:228 Resp: 43752
Ion Ratio Lower Upper
228 100
226 30.6 21.4 32.0
229 20.7 15.4 23.2

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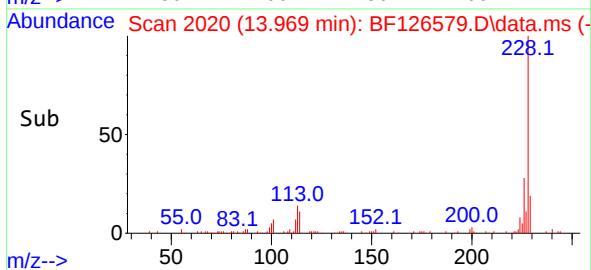
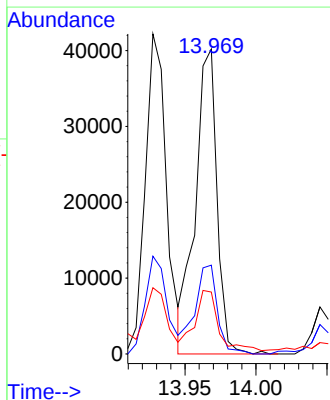
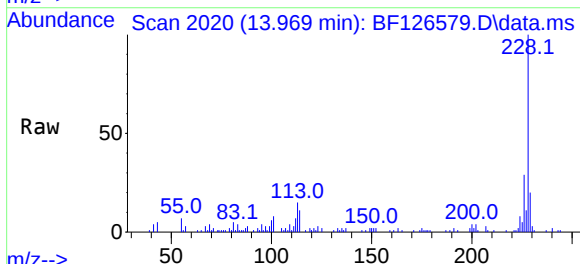
APPROVED

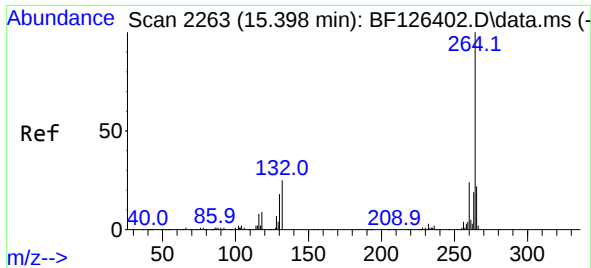
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#83
Chrysene
Concen: 4.188 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:228 Resp: 42646
Ion Ratio Lower Upper
228 100
226 29.1 23.7 35.5
229 20.3 15.5 23.3





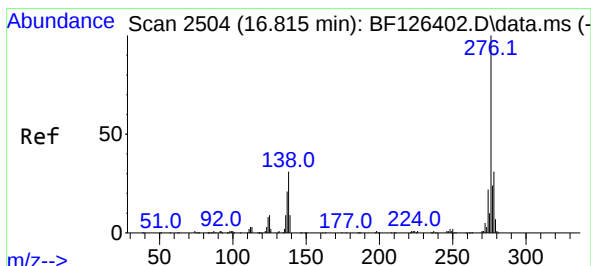
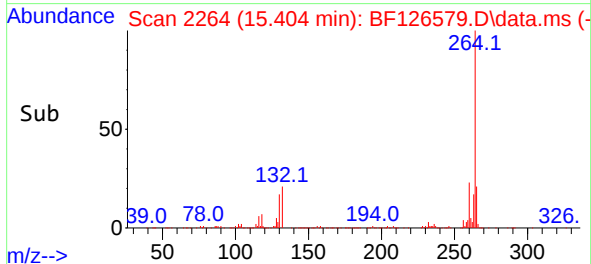
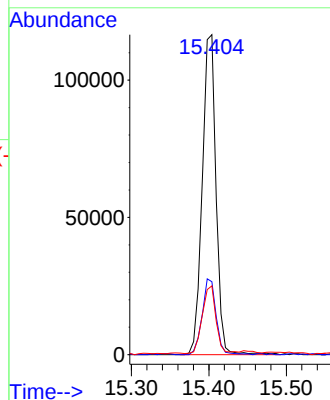
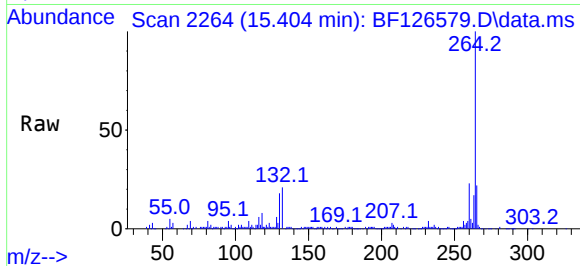
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:264 Resp: 14406
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.5 17.4 26.2

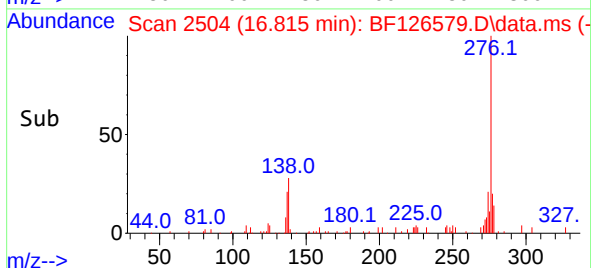
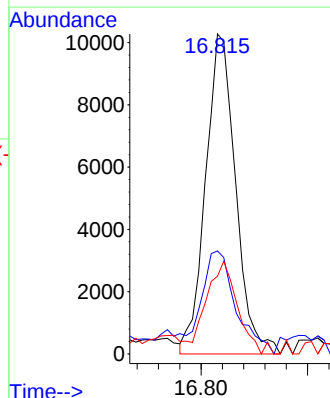
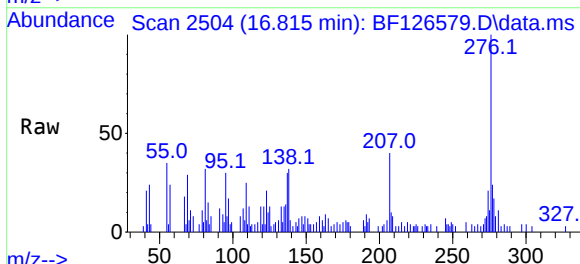
Manual Integrations
APPROVED

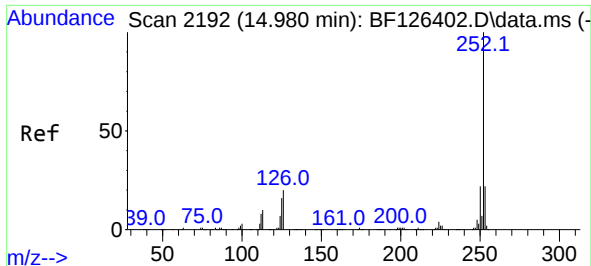
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.086 ng
RT: 16.815 min Scan# 2504
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:276 Resp: 20113
Ion Ratio Lower Upper
276 100
138 36.3 29.2 43.8
277 29.7 19.8 29.8





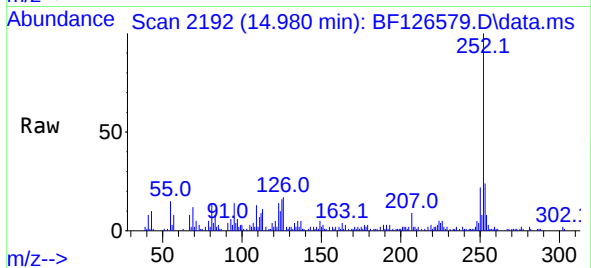
#88
Benzo(b)fluoranthene
Concen: 5.807 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :

BNA_F

ClientSampleId :

SB-07

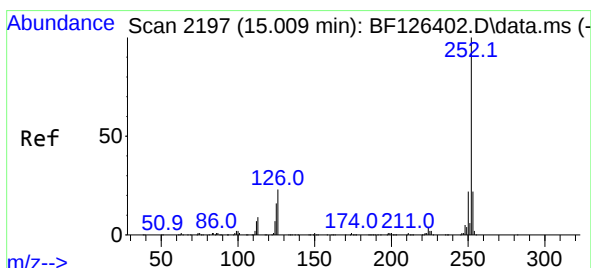
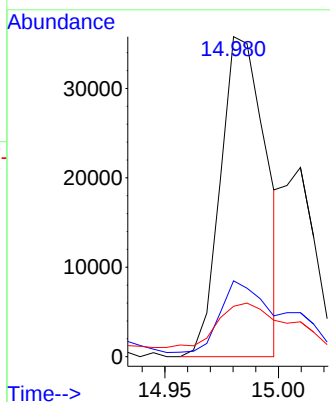
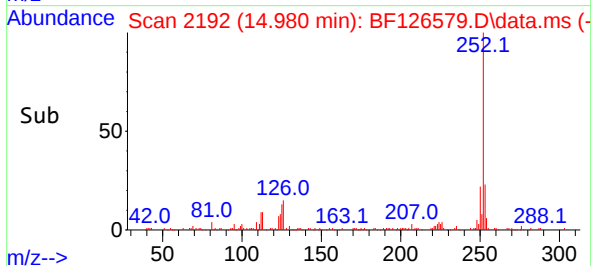


Tgt Ion:252 Resp: 49830
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 15.7 12.4 18.6

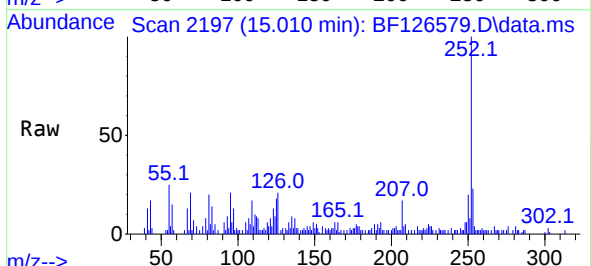
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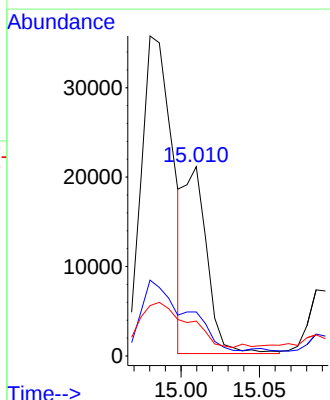
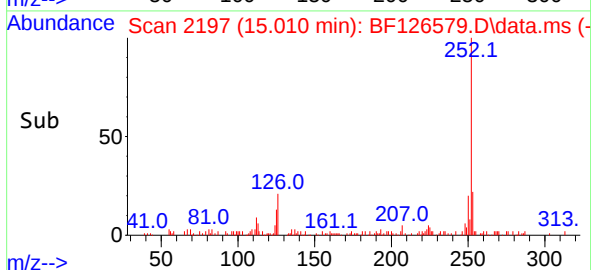
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

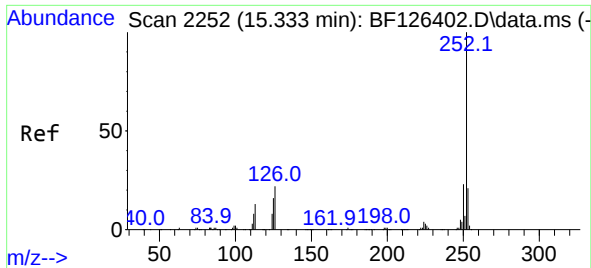


#89
Benzo(k)fluoranthene
Concen: 2.541 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01



Tgt Ion:252 Resp: 21124
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 18.4 11.8 17.6#





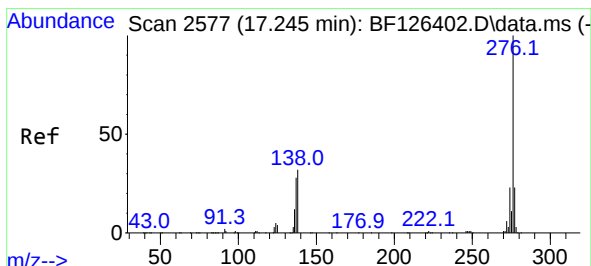
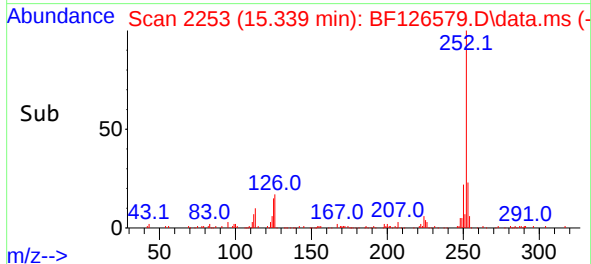
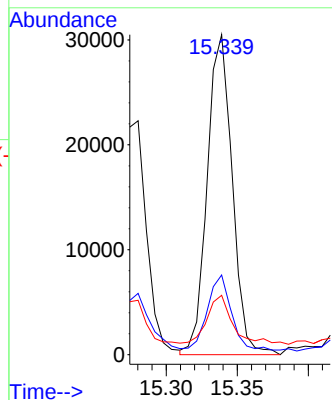
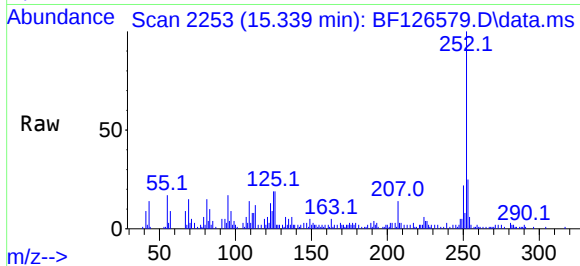
#90
Benzo(a)pyrene
Concen: 5.191 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:252 Resp: 37354
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 18.6 13.0 19.6

Manual Integrations
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Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#92
Benzo(g,h,i)perylene
Concen: 2.427 ng
RT: 17.245 min Scan# 2577
Delta R.T. -0.018 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:276 Resp: 20105
Ion Ratio Lower Upper
276 100
277 22.7 18.5 27.7
138 27.1 25.9 38.9

