

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129797.D
 Acq On : 15 Aug 2022 23:55
 Operator : CG\JU
 Sample : N4205-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 16 03:20:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149311	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	619433	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	327072	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	522438	20.000	ng	0.00
76) Chrysene-d12	13.998	240	278243	20.000	ng	0.00
86) Perylene-d12	15.468	264	273160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	759740	84.247	ng	0.00
7) Phenol-d6	6.475	99	993990	88.018	ng	0.00
23) Nitrobenzene-d5	7.387	82	638673	55.195	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	259406	79.023	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1252095	58.143	ng	0.00
79) Terphenyl-d14	12.933	244	1073280	64.184	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	184416	6.320	ng	98
75) Fluoranthene	12.569	202	232381	7.783	ng	99
78) Pyrene	12.798	202	192282	7.952	ng	100
81) Benzo(a)anthracene	13.986	228	79281	4.142	ng	99
83) Chrysene	14.021	228	69160	3.860	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	48094	2.565	ng	95
88) Benzo(b)fluoranthene	15.039	252	98234m	5.252	ng	
90) Benzo(a)pyrene	15.410	252	64454	4.376	ng	# 97
92) Benzo(g,h,i)perylene	17.398	276	46092	2.986	ng	# 93

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

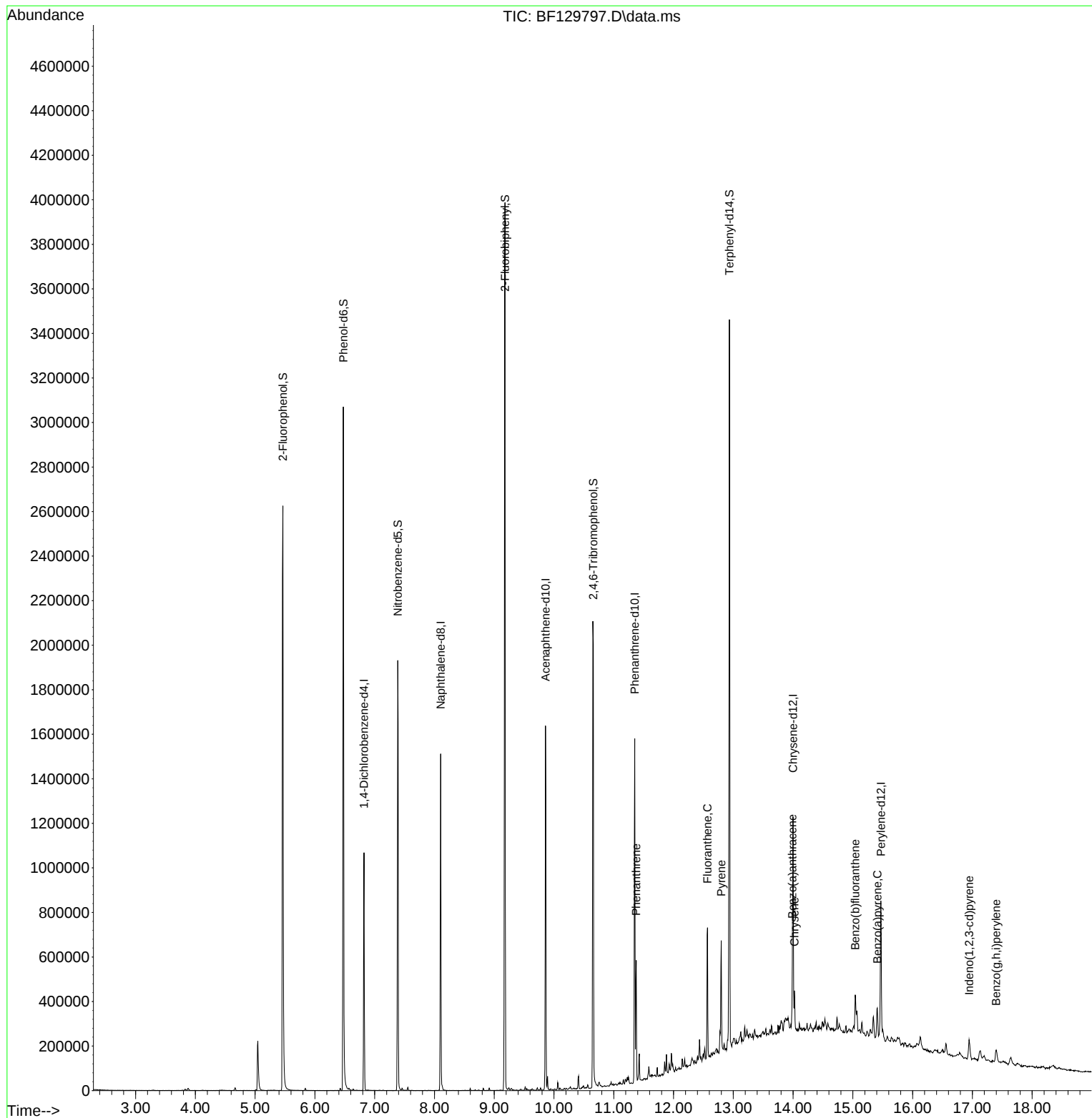
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129797.D
Acq On : 15 Aug 2022 23:55
Operator : CG\JU
Sample : N4205-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

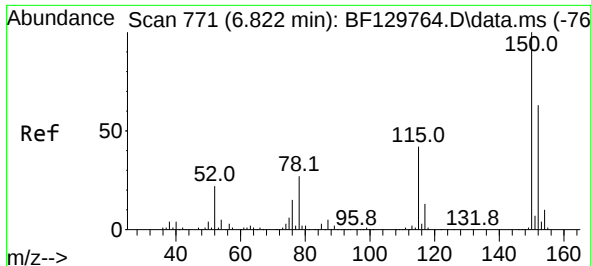
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Aug 16 03:20:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

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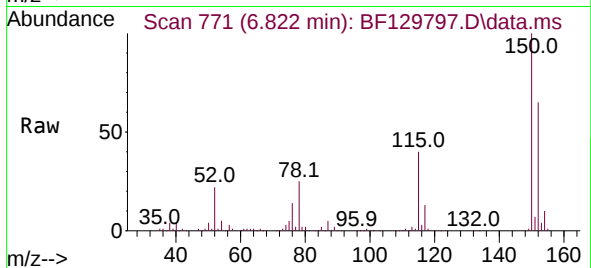
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

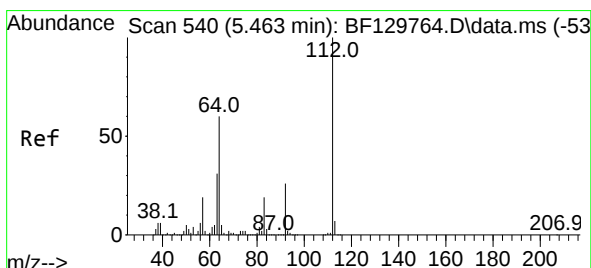
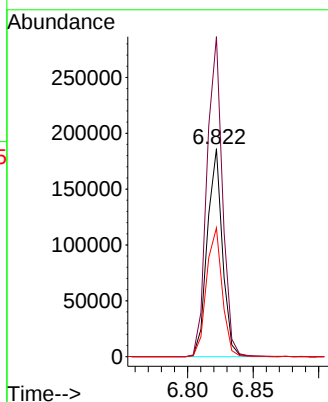
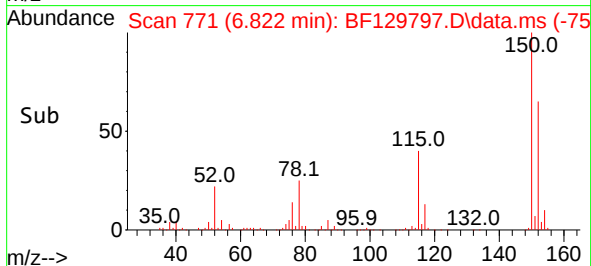
Instrument :
BNA_F
ClientSampleId :
SS-1



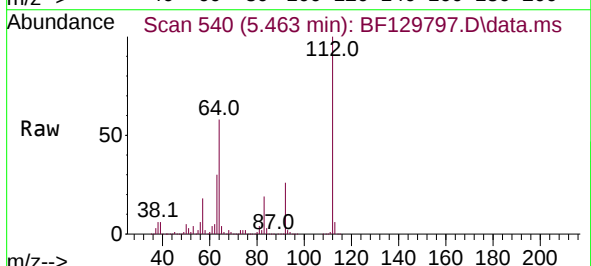
Tgt Ion:152 Resp: 149311
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 61.9 53.4 80.0

Manual Integrations
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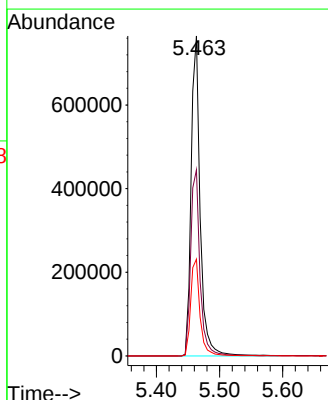
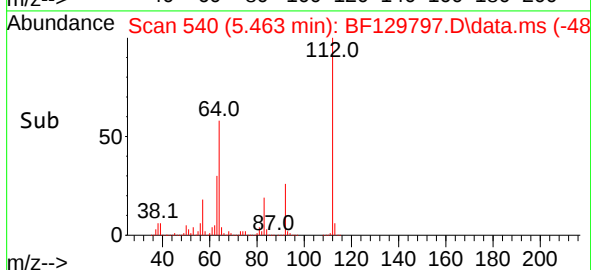
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

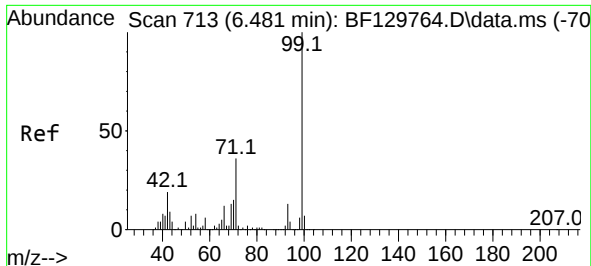


#5
2-Fluorophenol
Concen: 84.247 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



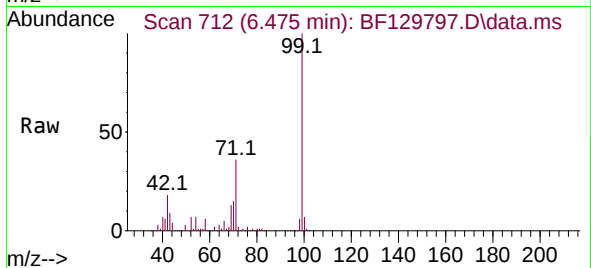
Tgt Ion:112 Resp: 759740
Ion Ratio Lower Upper
112 100
64 58.1 47.6 71.4
63 30.2 24.6 37.0





#7
Phenol-d6
Concen: 88.018 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

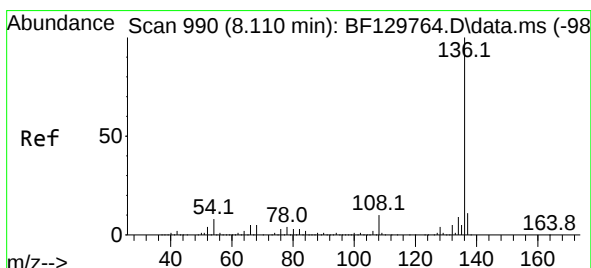
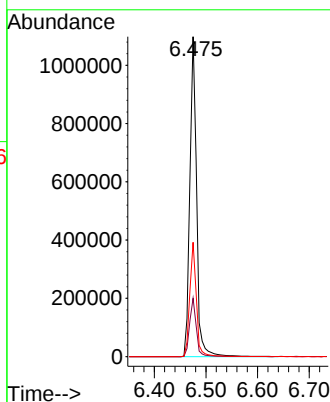
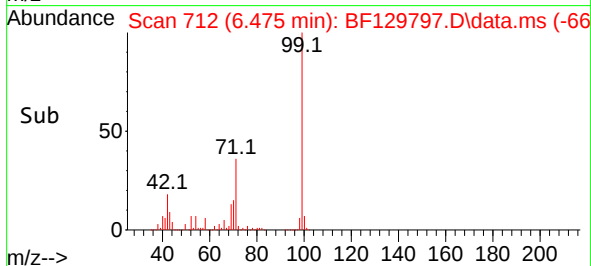
Instrument :
BNA_F
ClientSampleId :
SS-1



Tgt Ion: 99 Resp: 993990
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.7 28.8 43.2

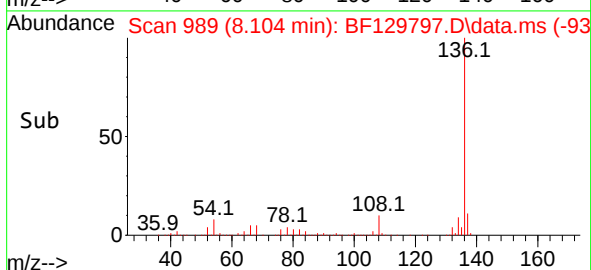
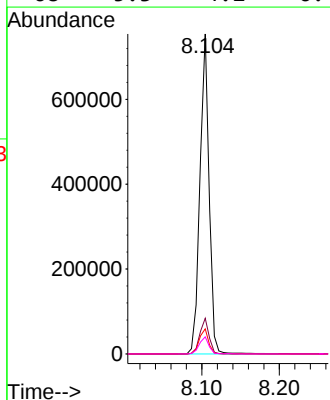
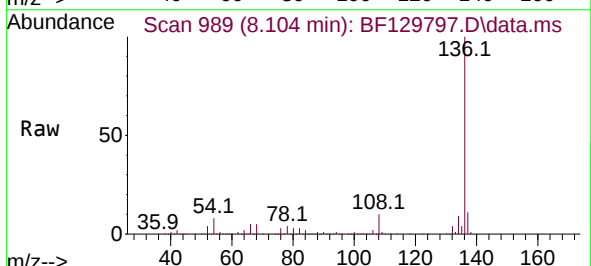
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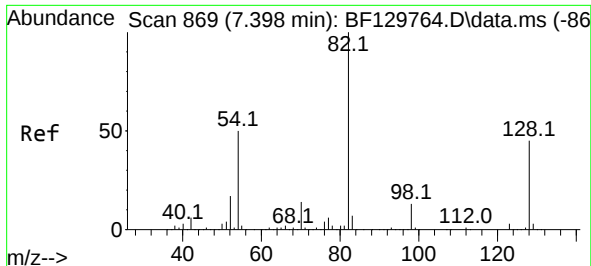
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

Tgt Ion:136 Resp: 619433
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 55.195 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129797.D

Acq: 15 Aug 2022 23:55

Instrument :

BNA_F

ClientSampleId :

SS-1

Tgt Ion: 82 Resp: 638673

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

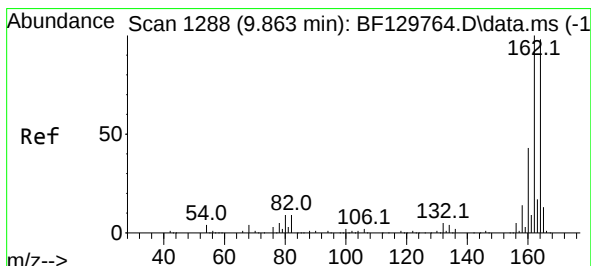
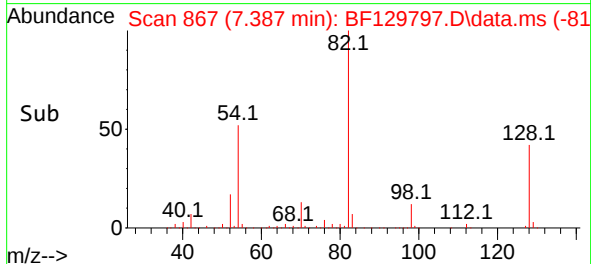
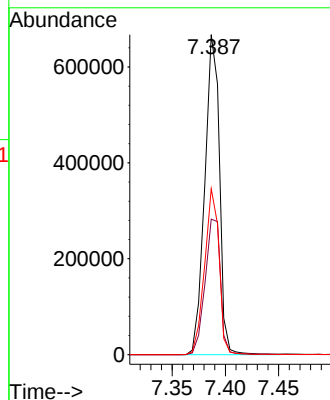
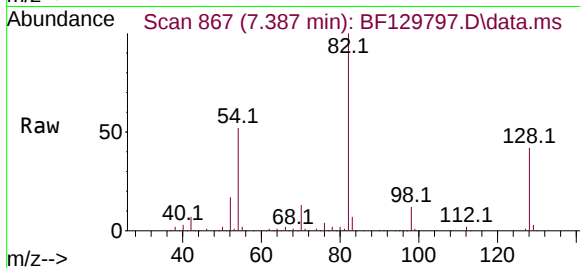
54 51.8 40.0 60.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF129797.D

Acq: 15 Aug 2022 23:55

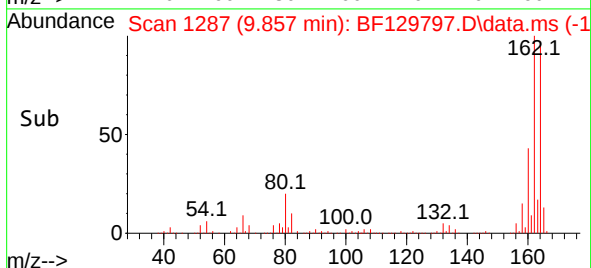
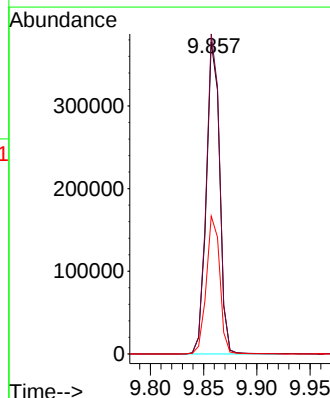
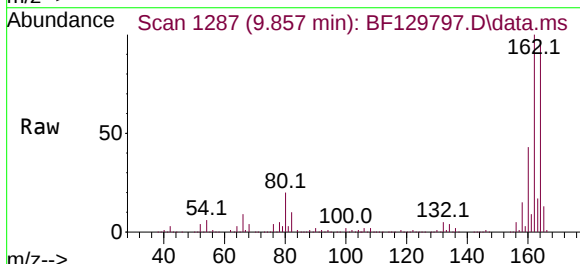
Tgt Ion:164 Resp: 327072

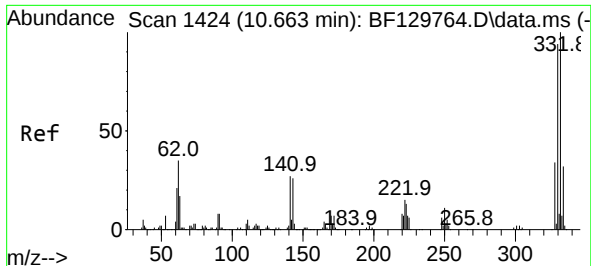
Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

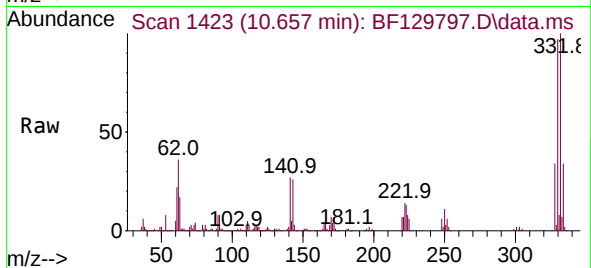
160 44.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 79.023 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

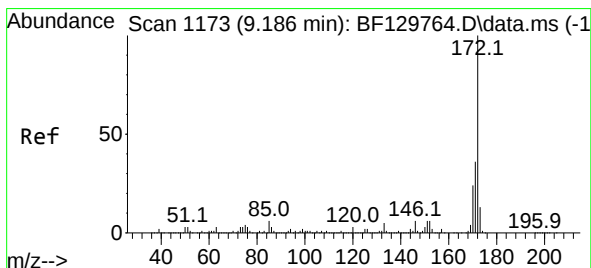
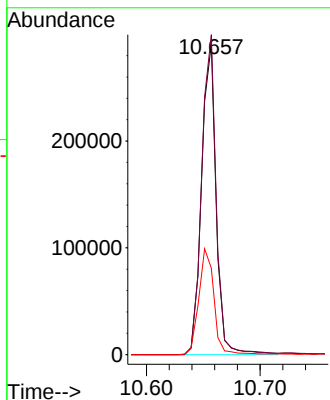
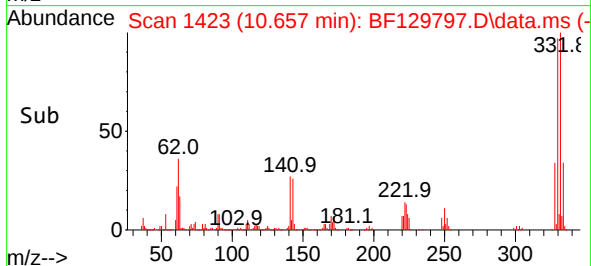
Instrument :
BNA_F
ClientSampleId :
SS-1



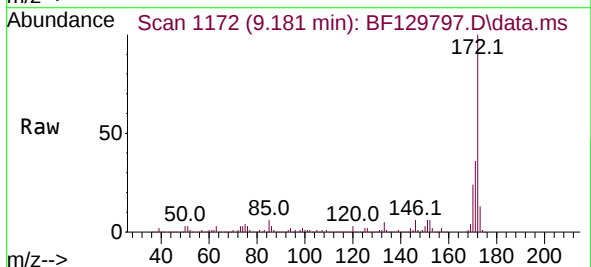
Tgt Ion: 330 Resp: 259406
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 35.7 27.6 41.4

Manual Integrations
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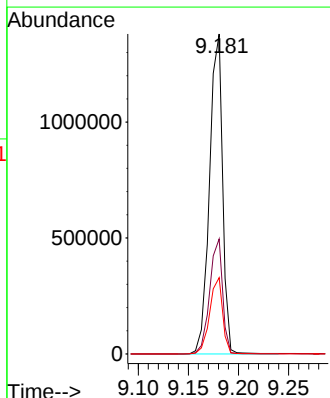
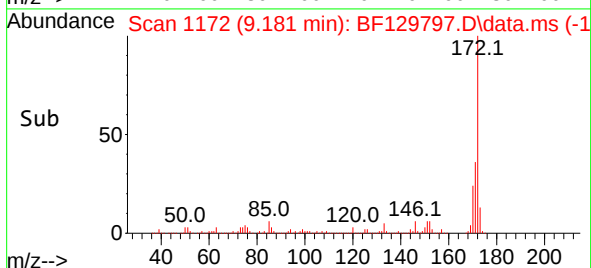
Reviewed By : Christian Giraldo 08/16/2022
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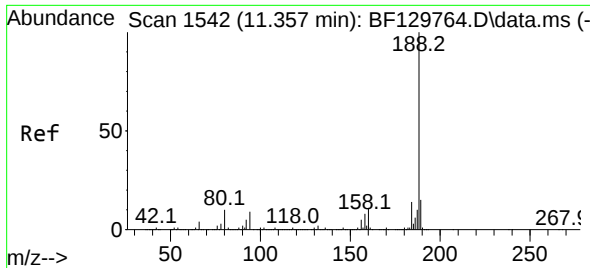


#45
2-Fluorobiphenyl
Concen: 58.143 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



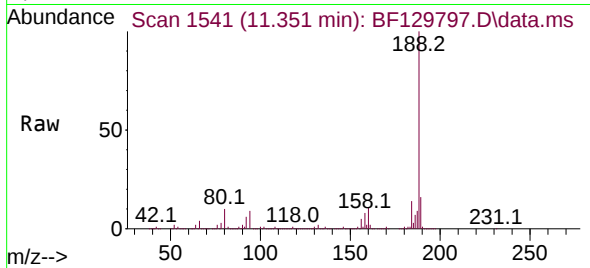
Tgt Ion: 172 Resp: 1252095
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

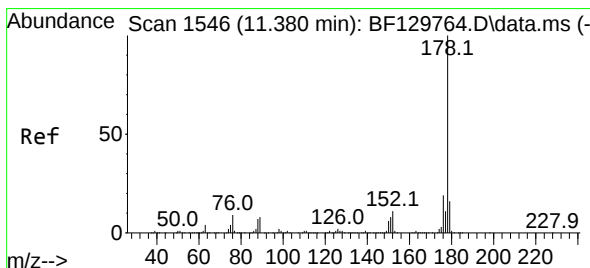
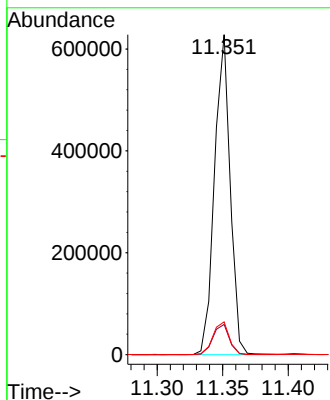
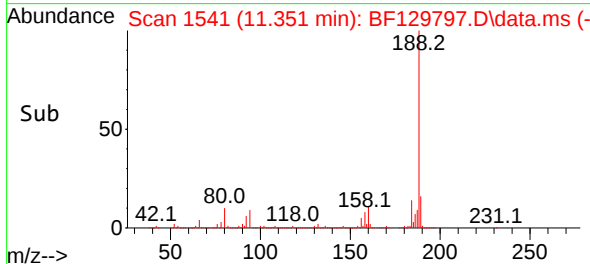
Instrument :
BNA_F
ClientSampleId :
SS-1



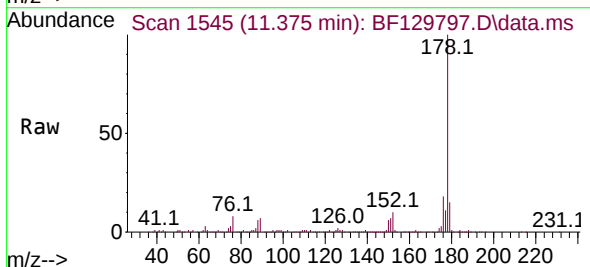
Tgt Ion:188 Resp: 522438
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 7.9 11.9

Manual Integrations
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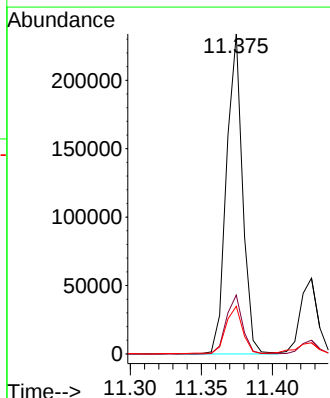
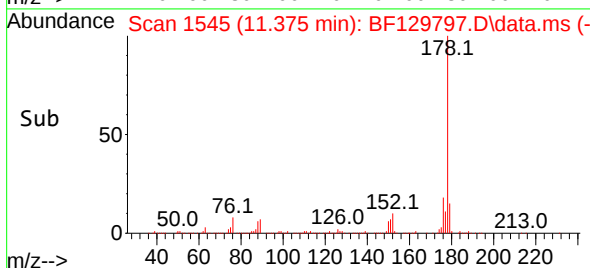
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

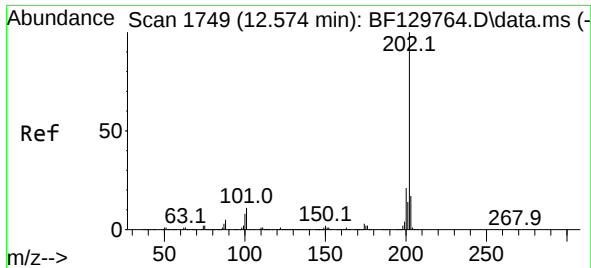


#71
Phenanthrene
Concen: 6.320 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



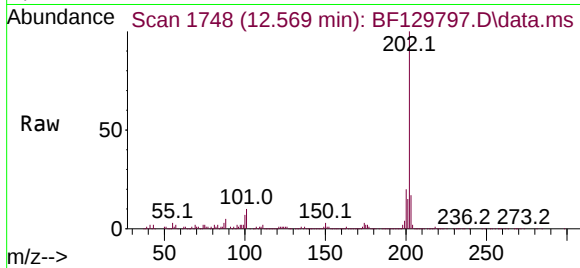
Tgt Ion:178 Resp: 184416
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 14.9 12.5 18.7





#75
Fluoranthene
Concen: 7.783 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

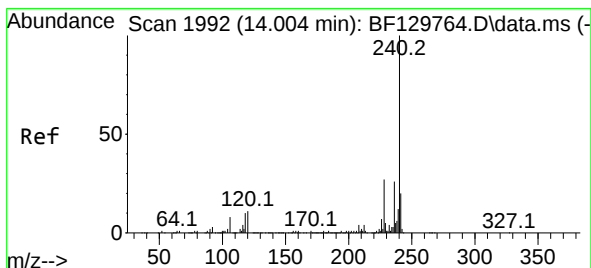
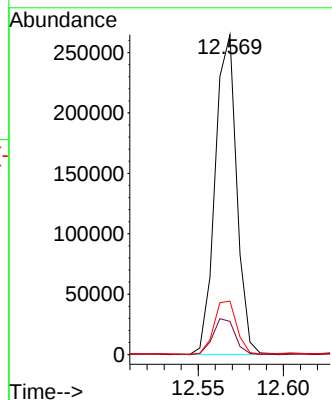
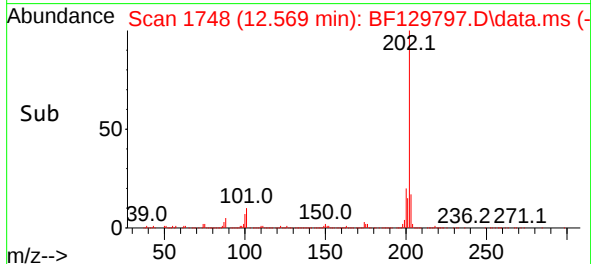
Instrument :
BNA_F
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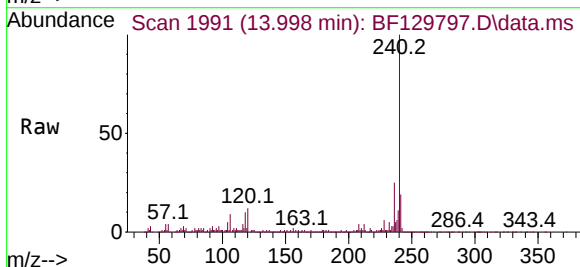
Tgt Ion:202 Resp: 232381
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 16.7 0.0 37.5

Manual Integrations
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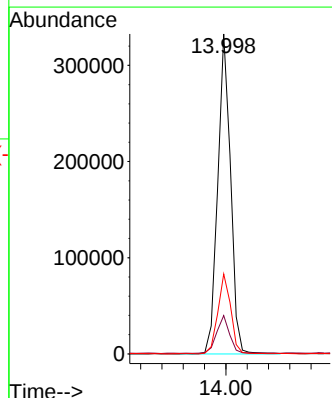
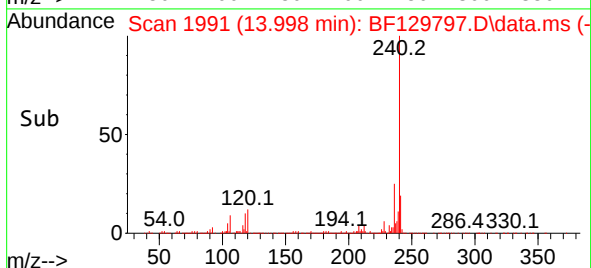
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

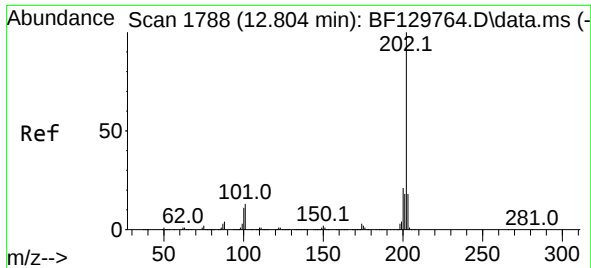


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



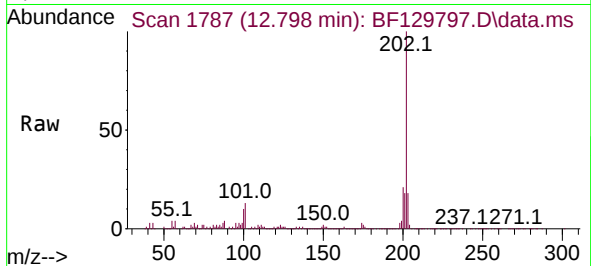
Tgt Ion:240 Resp: 278243
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.0 20.7 31.1





#78
Pyrene
Concen: 7.952 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

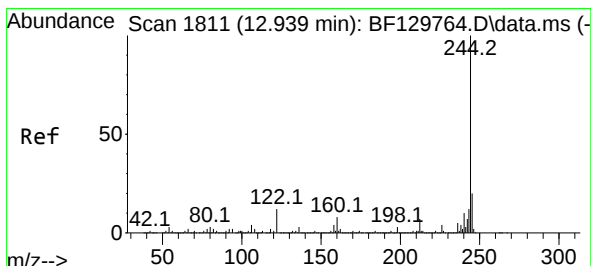
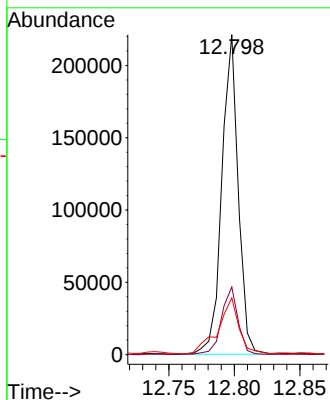
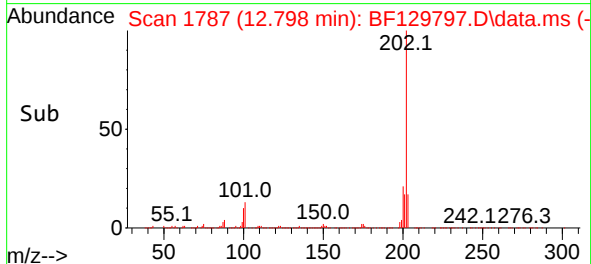
Instrument :
BNA_F
ClientSampleId :
SS-1



Tgt Ion:202 Resp: 192282
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.7 14.1 21.1

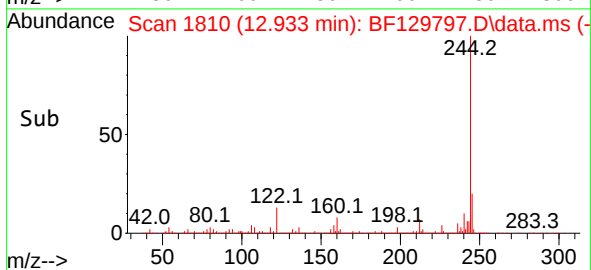
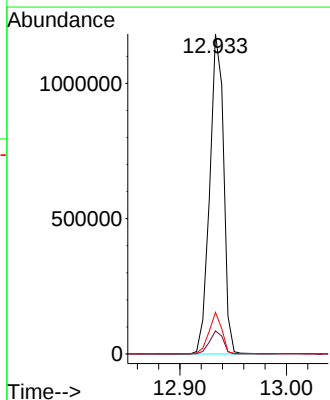
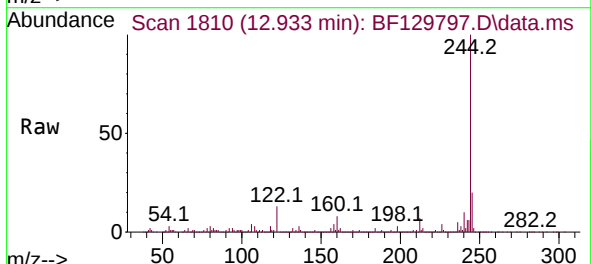
Manual Integrations
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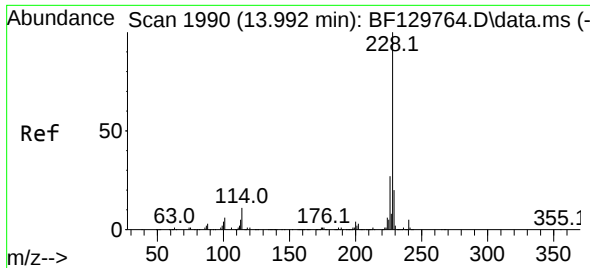
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#79
Terphenyl-d14
Concen: 64.184 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

Tgt Ion:244 Resp: 1073280
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.0 9.9 14.9





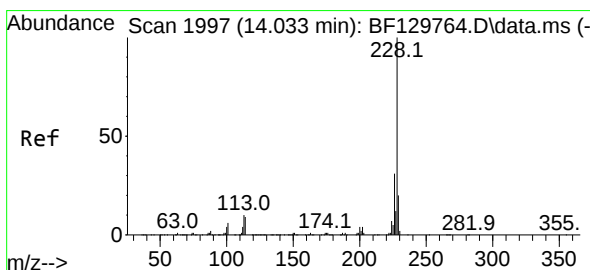
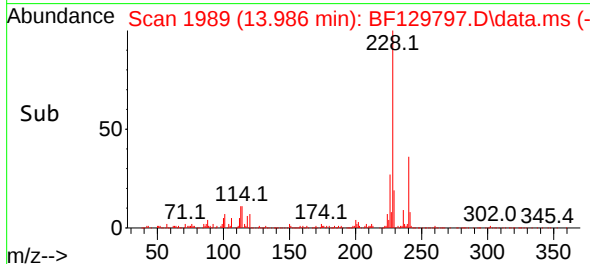
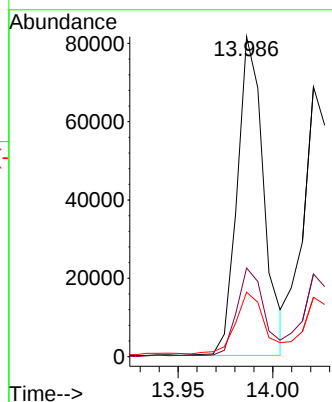
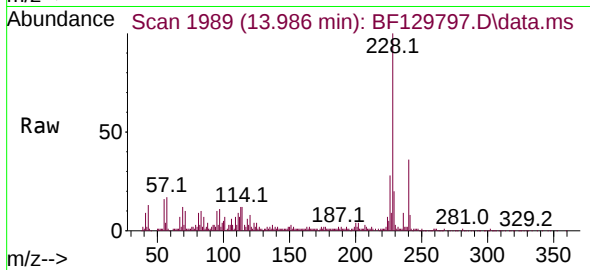
#81
Benzo(a)anthracene
Concen: 4.142 ng
RT: 13.986 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion:228 Resp: 7928
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 20.1 16.1 24.1

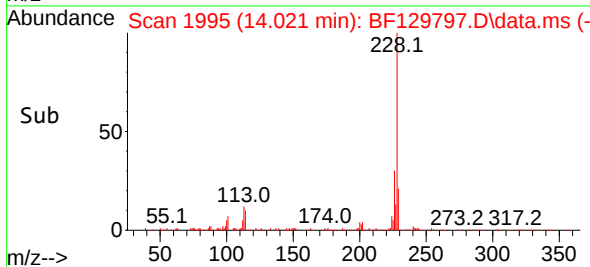
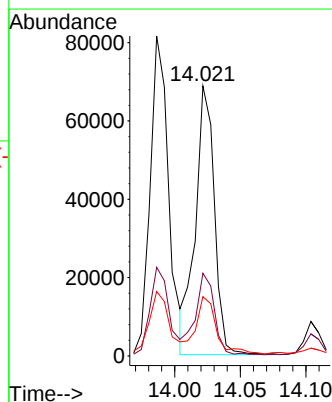
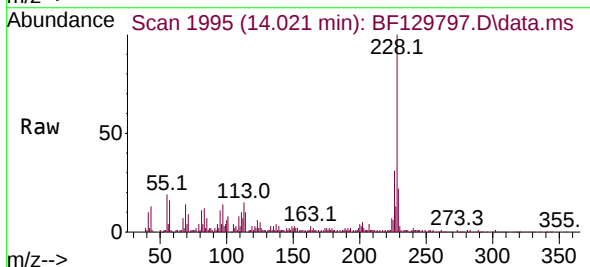
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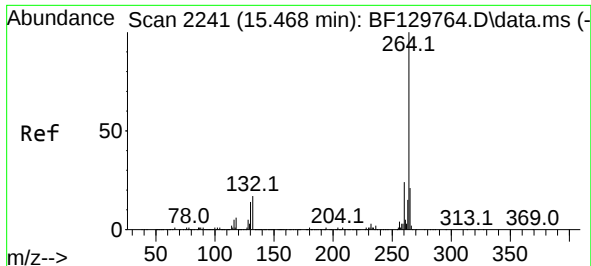
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#83
Chrysene
Concen: 3.860 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

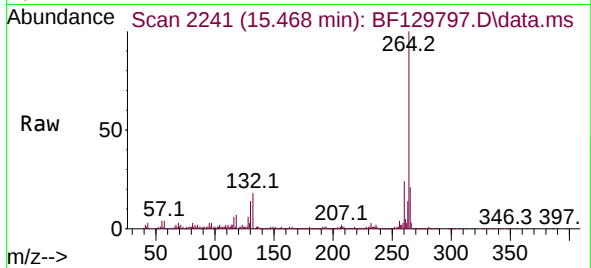
Tgt Ion:228 Resp: 69160
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 22.0 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

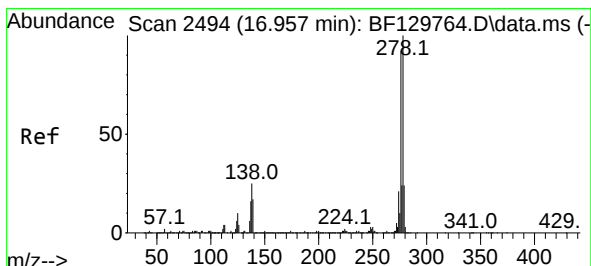
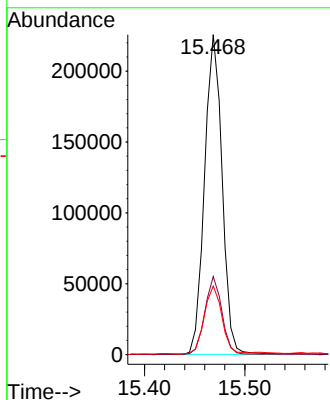
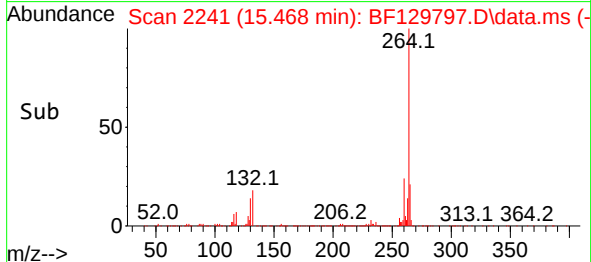
Instrument :
BNA_F
ClientSampleId :
SS-1



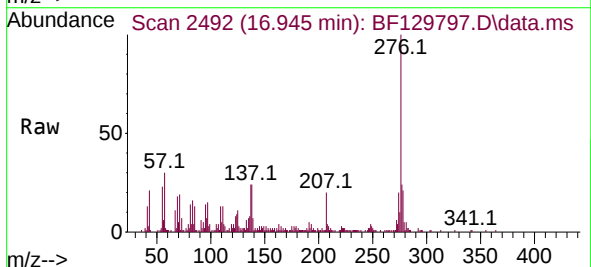
Tgt Ion:264 Resp: 273160
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 21.4 16.7 25.1

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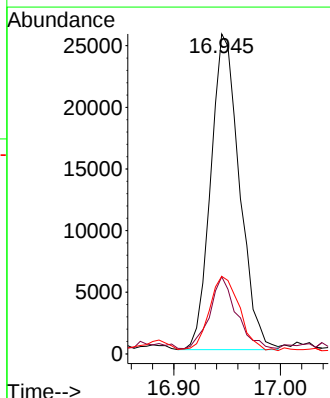
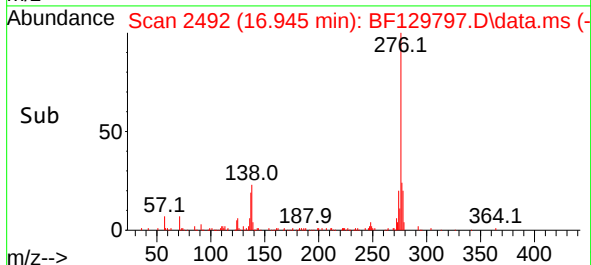
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

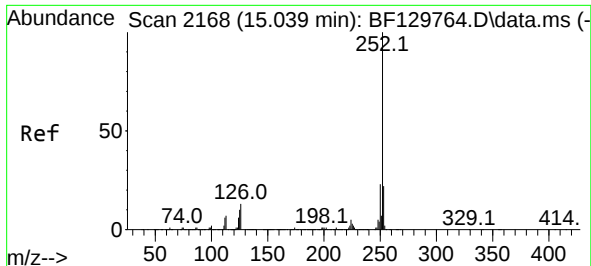


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.565 ng
RT: 16.945 min Scan# 2492
Delta R.T. -0.012 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



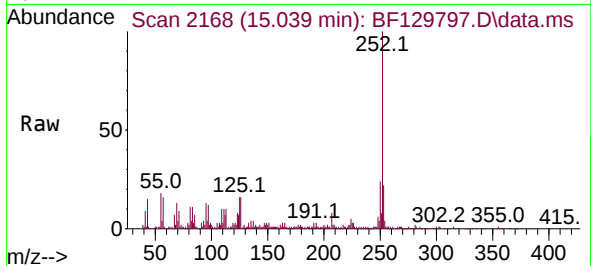
Tgt Ion:276 Resp: 48094
Ion Ratio Lower Upper
276 100
138 20.9 19.8 29.8
277 24.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.252 ng m
RT: 15.039 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55

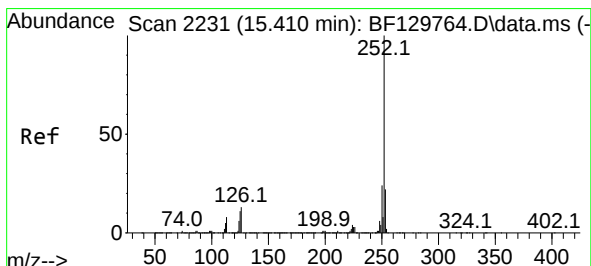
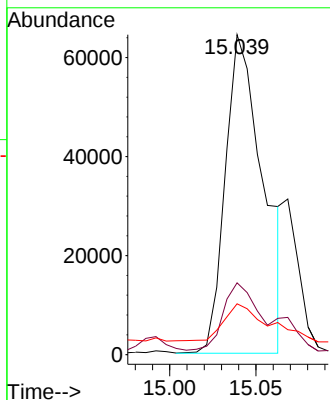
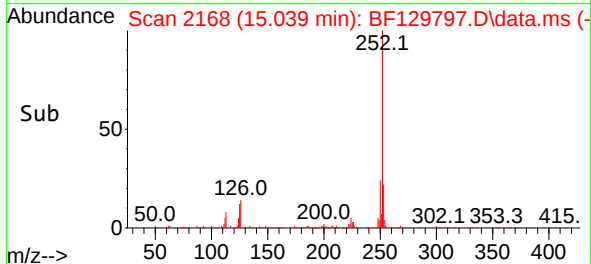
Instrument :
BNA_F
ClientSampleId :
SS-1



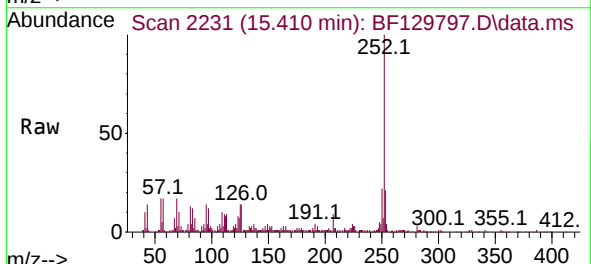
Tgt Ion:252 Resp: 98234
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 15.9 8.3 12.5

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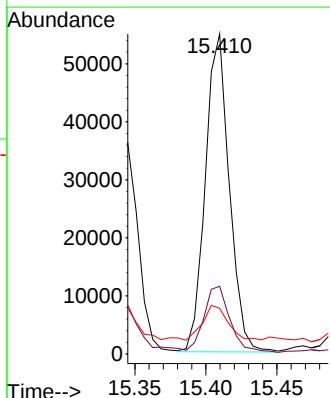
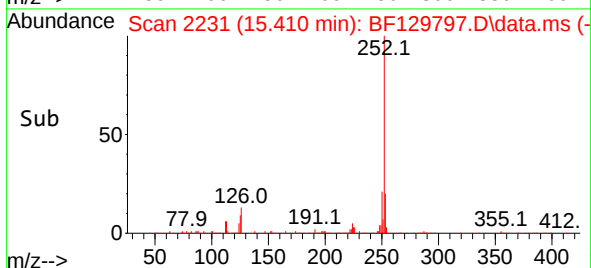
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

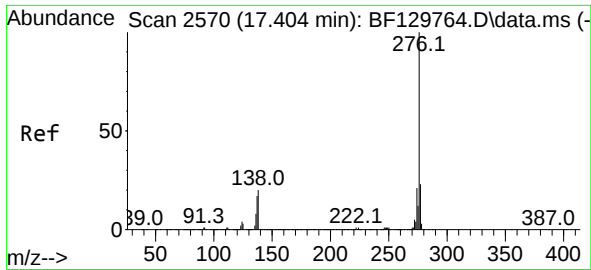


#90
Benzo(a)pyrene
Concen: 4.376 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129797.D
Acq: 15 Aug 2022 23:55



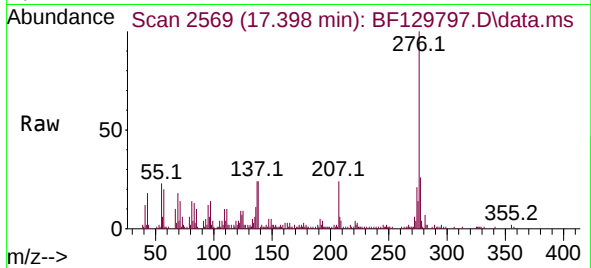
Tgt Ion:252 Resp: 64454
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 14.2 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.986 ng
 RT: 17.398 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BF129797.D
 Acq: 15 Aug 2022 23:55

Instrument :
 BNA_F
 ClientSampleId :
 SS-1



Tgt Ion: 276 Resp: 46092
 Ion Ratio Lower Upper
 276 100
 277 25.5 18.2 27.4
 138 23.9 15.8 23.8

Manual Integrations
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Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

