

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129794.D
 Acq On : 15 Aug 2022 22:21
 Operator : CG\JU
 Sample : N4205-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 03:19:14 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	156386	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650916	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	349294	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	596924	20.000	ng	0.00
76) Chrysene-d12	13.998	240	339715	20.000	ng	0.00
86) Perylene-d12	15.468	264	294045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	633261	67.045	ng	0.00
7) Phenol-d6	6.475	99	924282	78.142	ng	0.00
23) Nitrobenzene-d5	7.387	82	643807	52.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	173953	49.620	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	1253917	54.523	ng	0.00
79) Terphenyl-d14	12.933	244	1217150	59.616	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	239599	7.187	ng	99
75) Fluoranthene	12.569	202	275003	8.061	ng	99
78) Pyrene	12.798	202	236185	8.001	ng	98
81) Benzo(a)anthracene	13.986	228	88791	3.799	ng	99
83) Chrysene	14.022	228	76655	3.504	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	45193	2.239	ng	96
88) Benzo(b)fluoranthene	15.039	252	84813m	4.212	ng	
90) Benzo(a)pyrene	15.410	252	62879	3.966	ng	# 95
92) Benzo(g,h,i)perylene	17.398	276	44499	2.678	ng	97

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

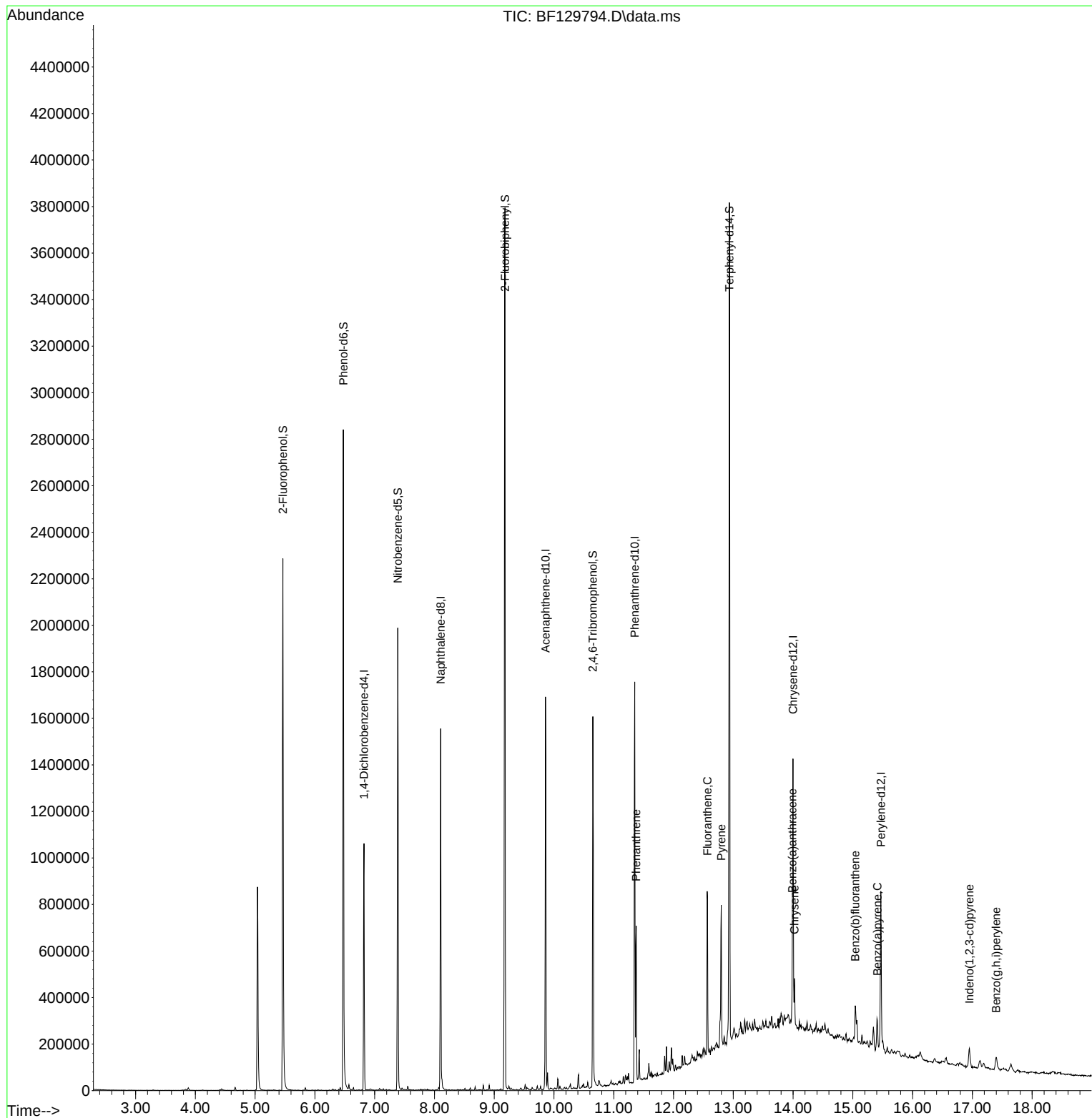
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129794.D
Acq On : 15 Aug 2022 22:21
Operator : CG\JU
Sample : N4205-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

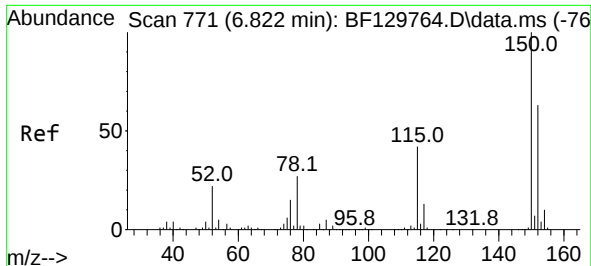
Instrument :
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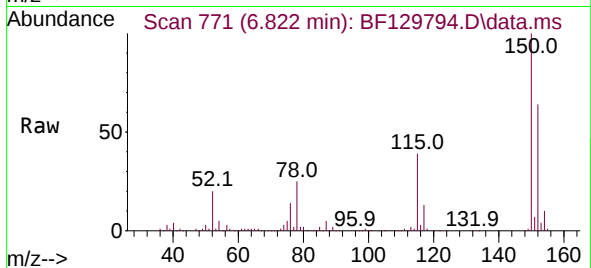
Quant Time: Aug 16 03:19:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

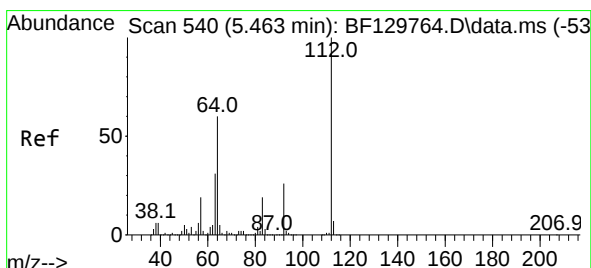
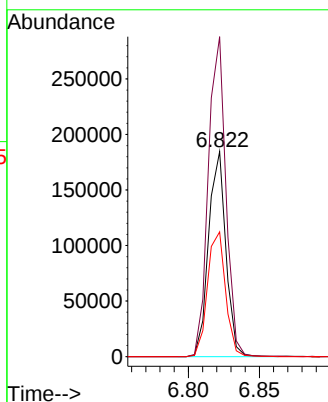
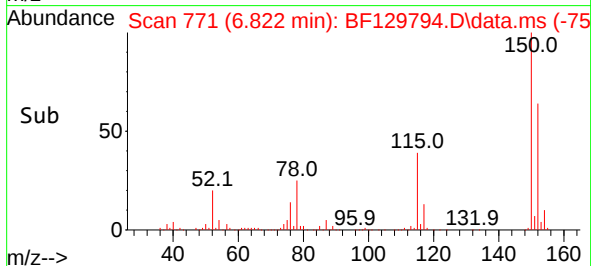
Instrument :
BNA_F
ClientSampleId :
SS-5



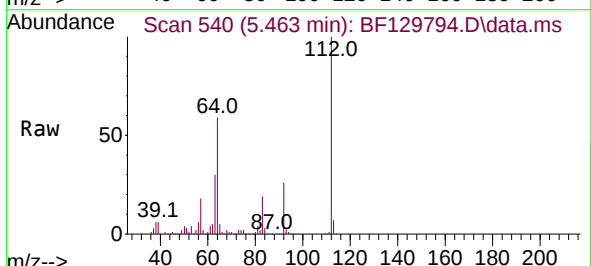
Tgt Ion:152 Resp: 156386
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 60.8 53.4 80.0

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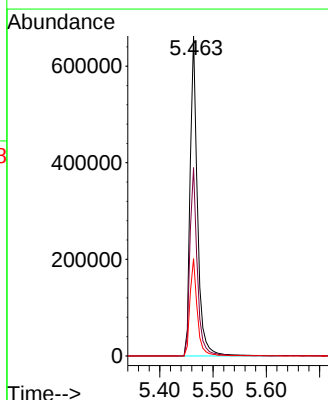
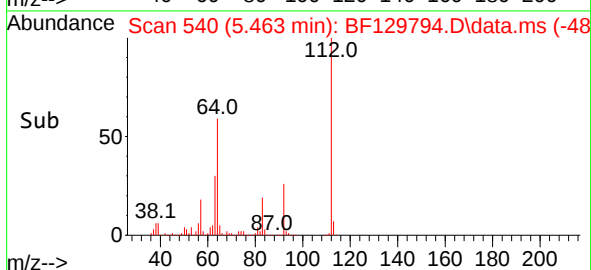
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

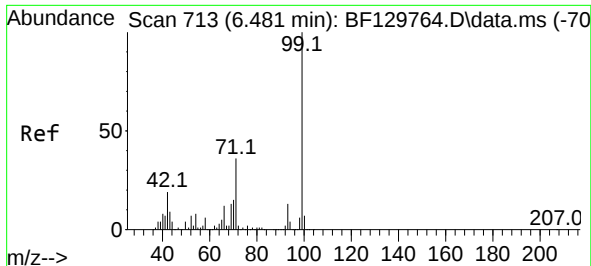


#5
2-Fluorophenol
Concen: 67.045 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21



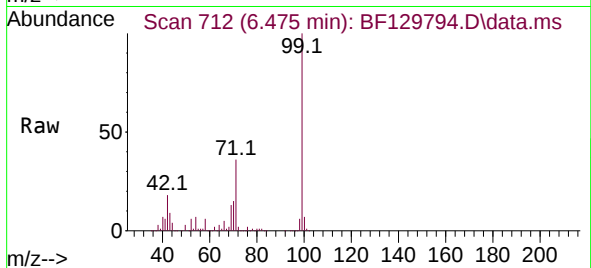
Tgt Ion:112 Resp: 633261
Ion Ratio Lower Upper
112 100
64 58.8 47.6 71.4
63 30.4 24.6 37.0





#7
Phenol-d6
Concen: 78.142 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

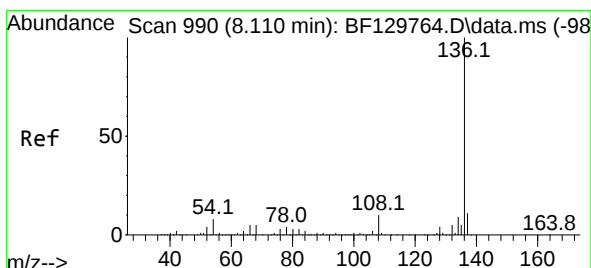
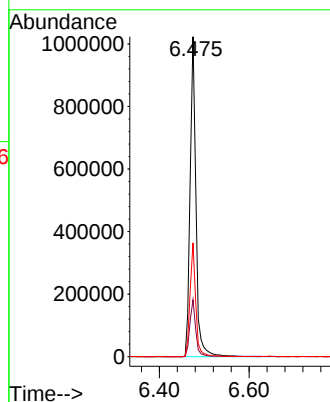
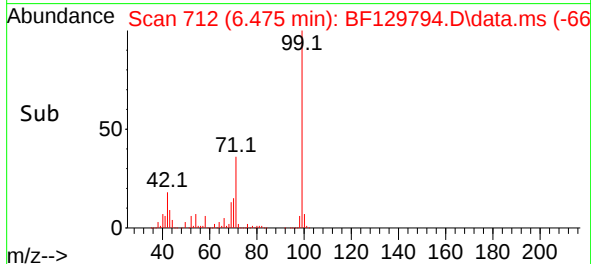
Instrument :
BNA_F
ClientSampleId :
SS-5



Tgt Ion: 99 Resp: 924282
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.5 28.8 43.2

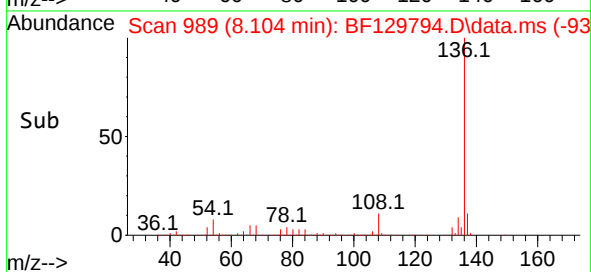
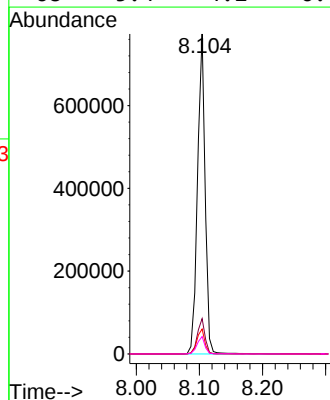
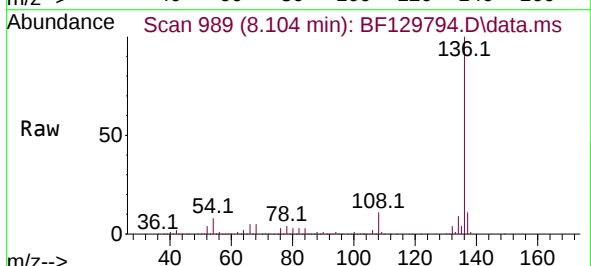
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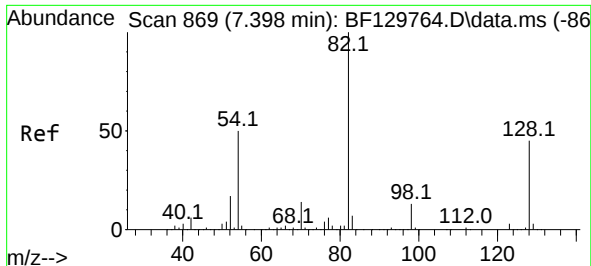
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:136 Resp: 650916
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 52.947 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Instrument :

BNA_F

ClientSampleId :

SS-5

Tgt Ion: 82 Resp: 64380

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

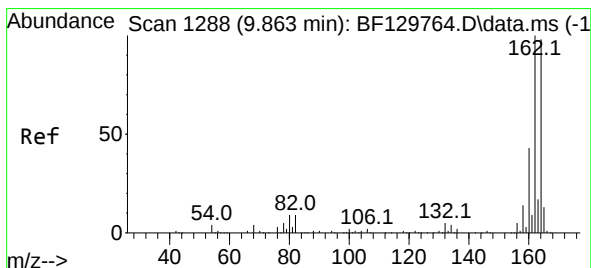
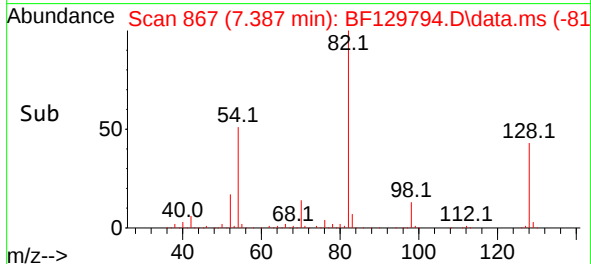
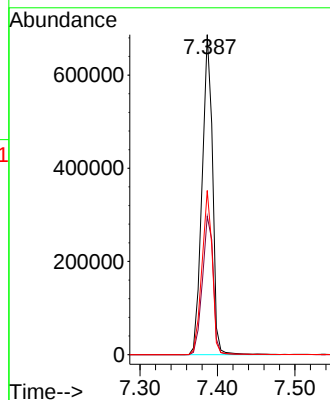
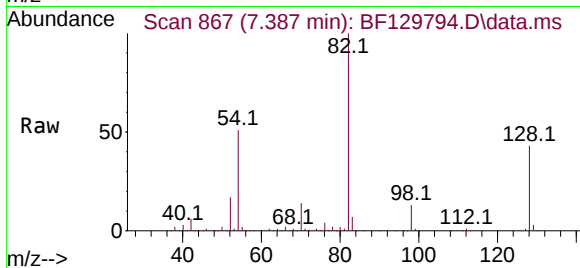
54 51.3 40.0 60.0

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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: BF129794.D

Acq: 15 Aug 2022 22:21

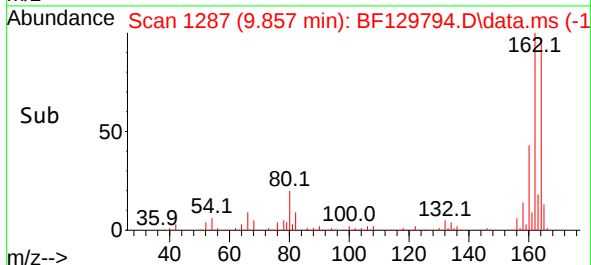
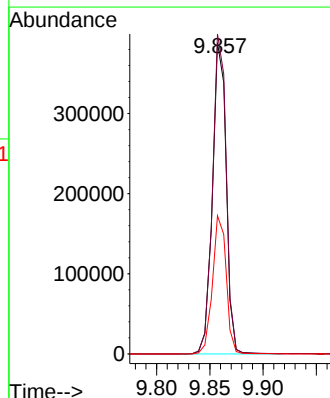
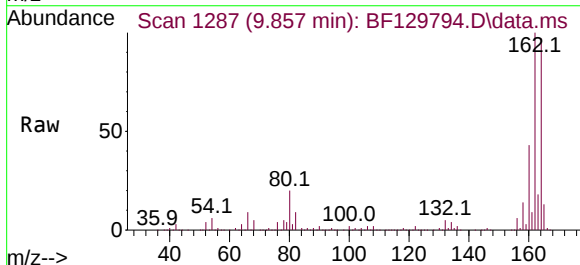
Tgt Ion:164 Resp: 349294

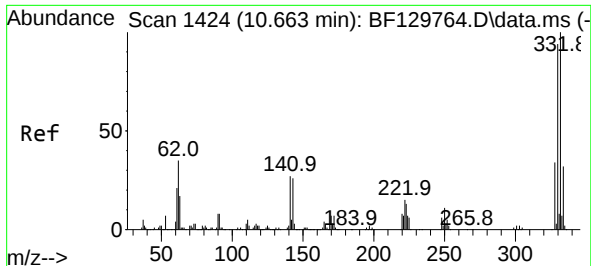
Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

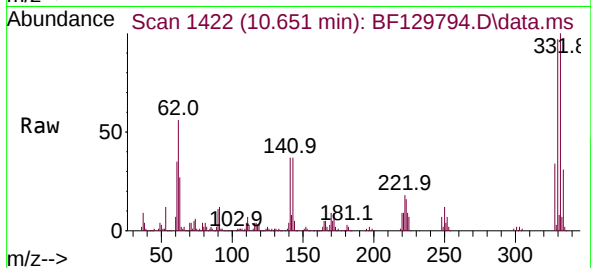
160 44.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 49.620 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

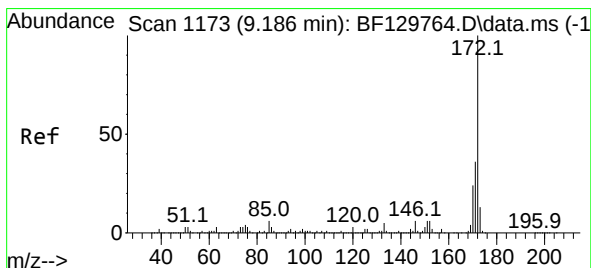
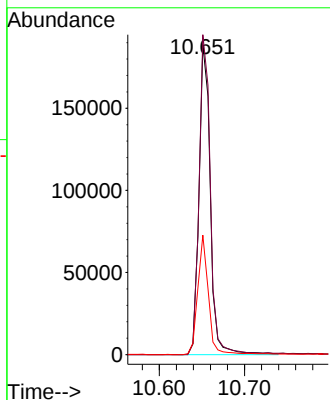
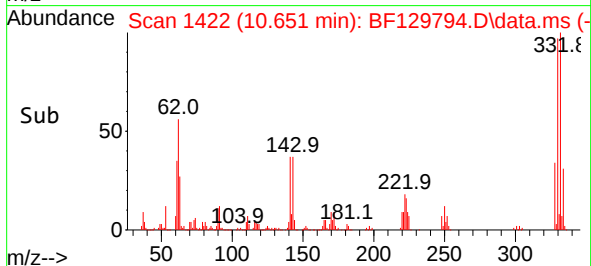
Instrument :
BNA_F
ClientSampleId :
SS-5



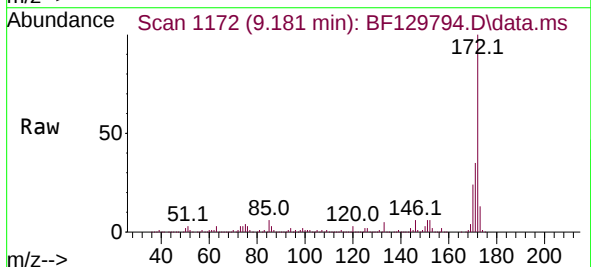
Tgt Ion: 330 Resp: 173953
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 36.7 27.6 41.4

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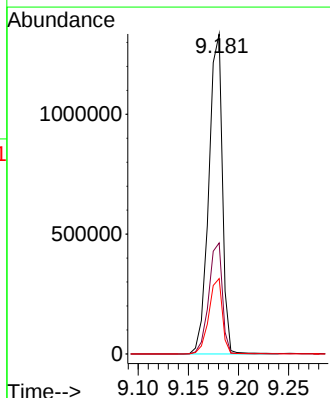
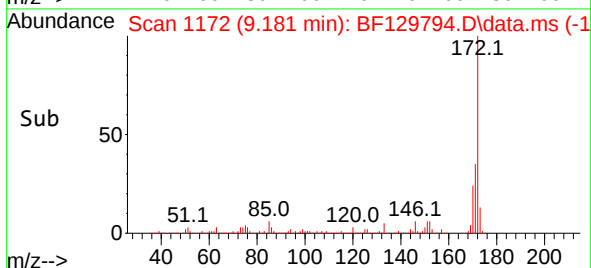
Reviewed By : Christian Giraldo 08/16/2022
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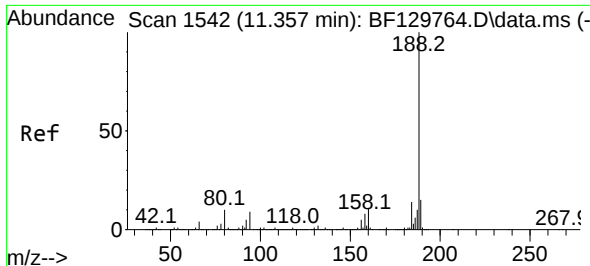


#45
2-Fluorobiphenyl
Concen: 54.523 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21



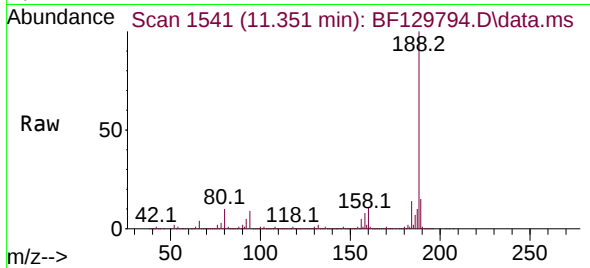
Tgt Ion: 172 Resp: 1253917
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

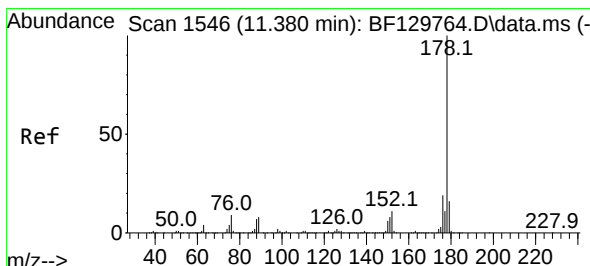
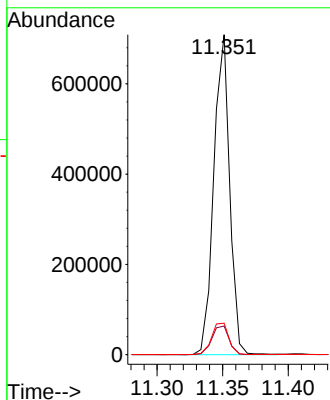
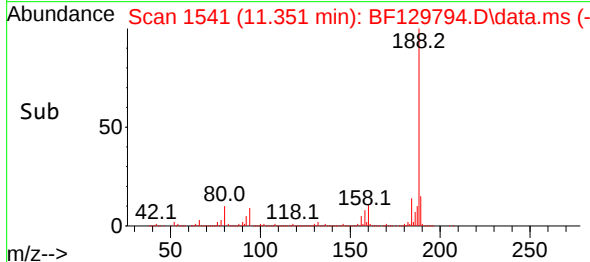
Instrument :
BNA_F
ClientSampleId :
SS-5



Tgt Ion:188 Resp: 596924
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.8 7.9 11.9

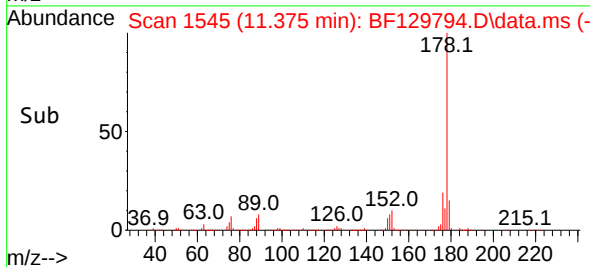
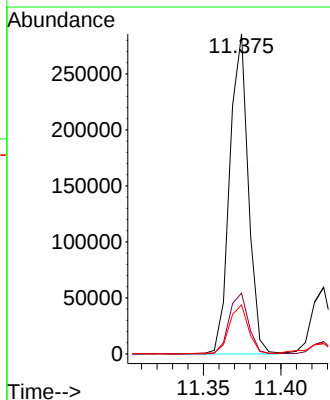
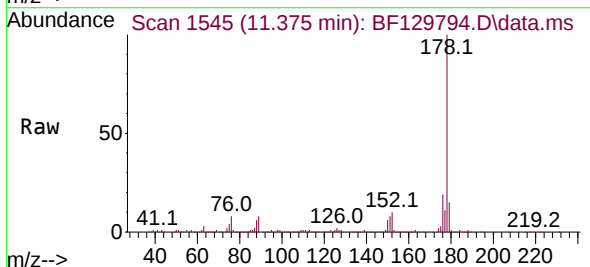
Manual Integrations
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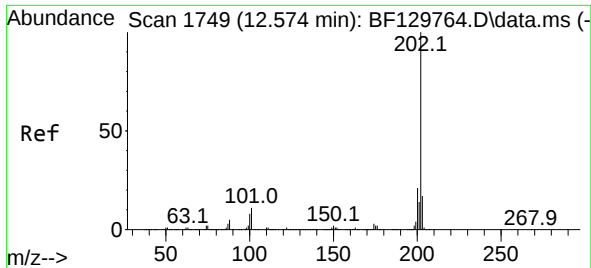
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#71
Phenanthrene
Concen: 7.187 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

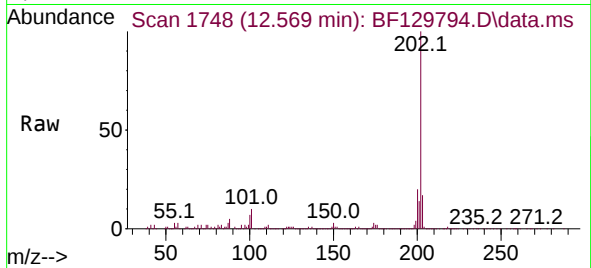
Tgt Ion:178 Resp: 239599
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.5 18.7





#75
Fluoranthene
Concen: 8.061 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

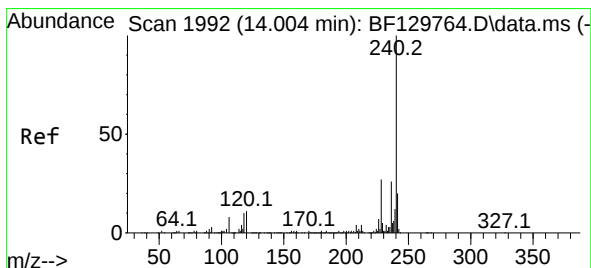
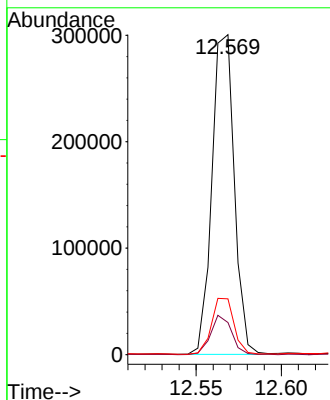
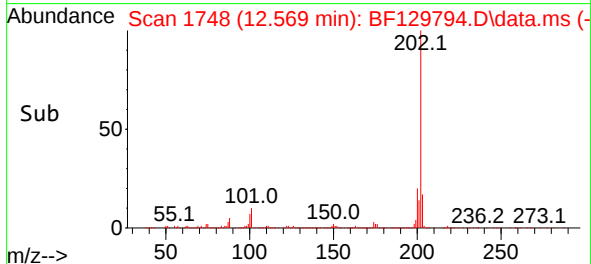
Instrument :
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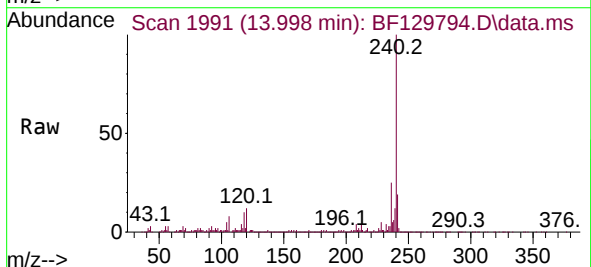
Tgt Ion:202 Resp: 275003
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.4 0.0 37.5

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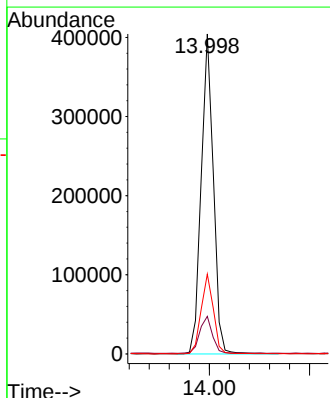
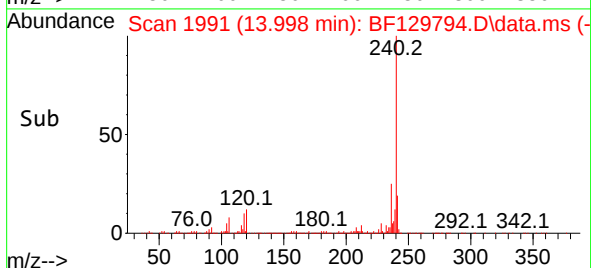
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

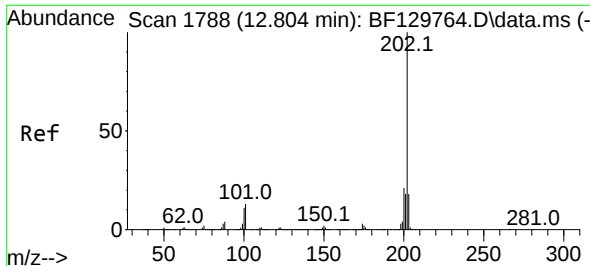


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21



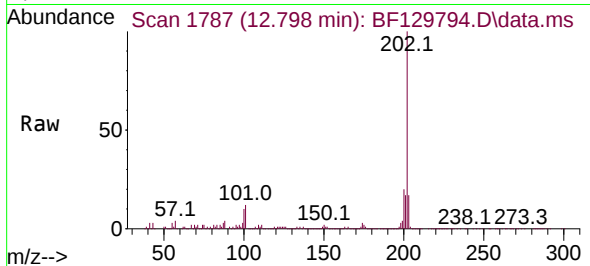
Tgt Ion:240 Resp: 339715
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 24.9 20.7 31.1





#78
Pyrene
Concen: 8.001 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

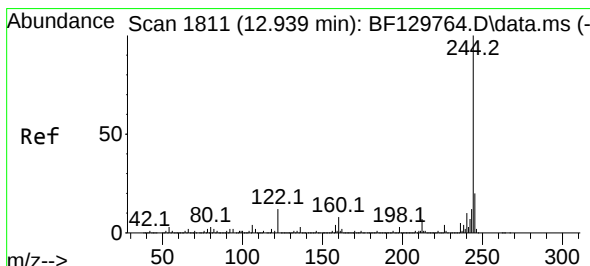
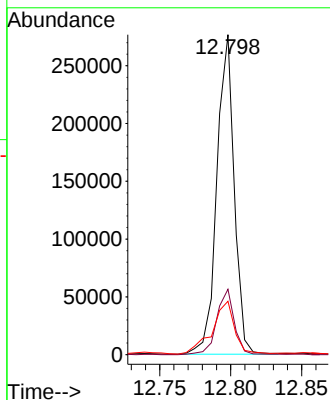
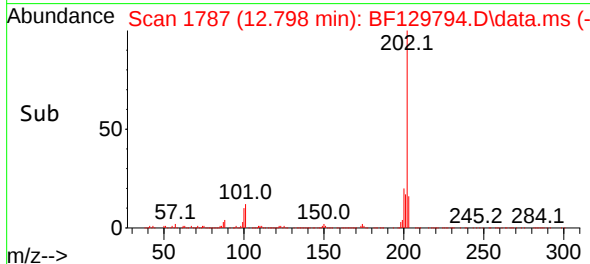
Instrument :
BNA_F
ClientSampleId :
SS-5



Tgt Ion:202 Resp: 236185
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 16.7 14.1 21.1

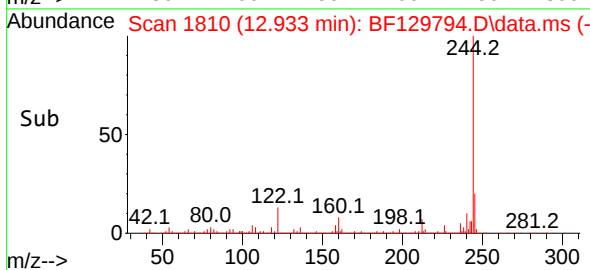
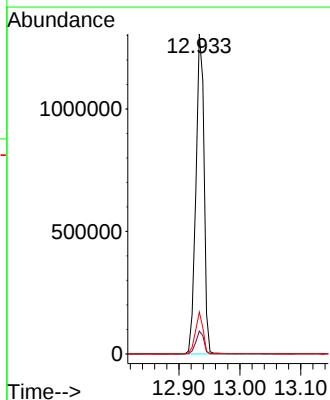
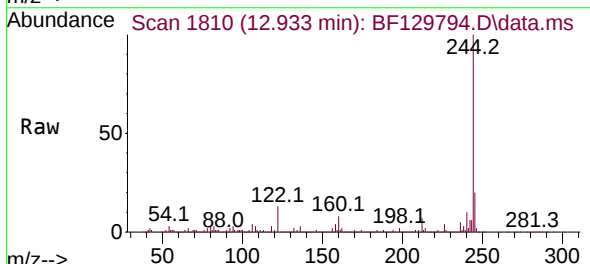
Manual Integrations
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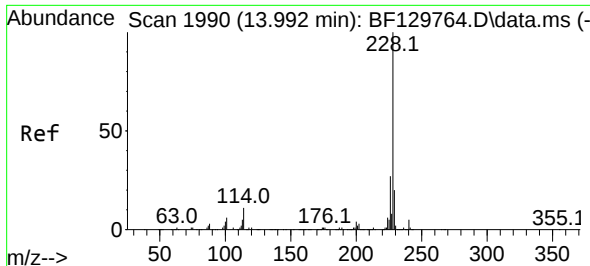
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#79
Terphenyl-d14
Concen: 59.616 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:244 Resp: 1217150
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 13.1 9.9 14.9





#81

Benzo(a)anthracene

Concen: 3.799 ng

RT: 13.986 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Instrument :

BNA_F

ClientSampleId :

SS-5

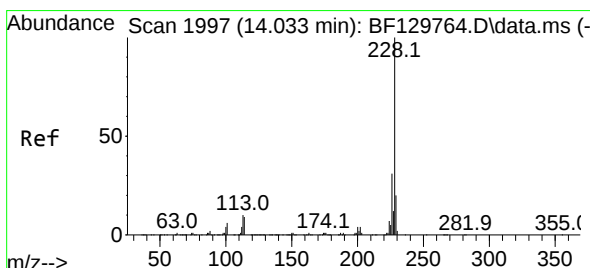
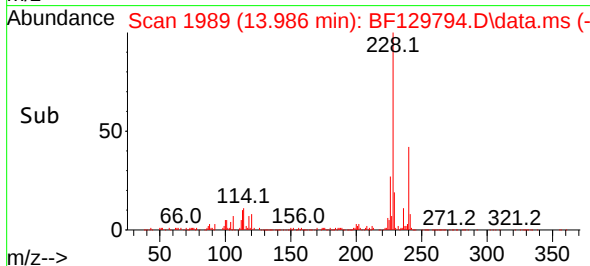
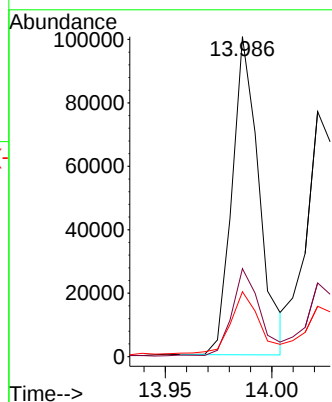
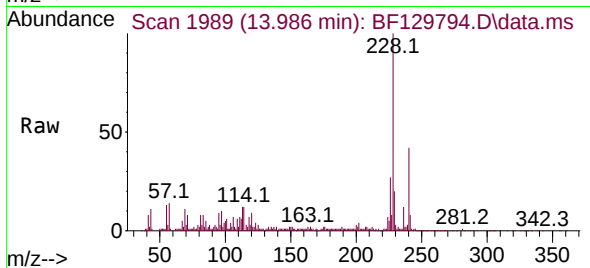
Tgt Ion:228	Resp:	88791
Ion Ratio	Lower	Upper
228	100	
226	27.5	21.4 32.0
229	20.3	16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#83

Chrysene

Concen: 3.504 ng

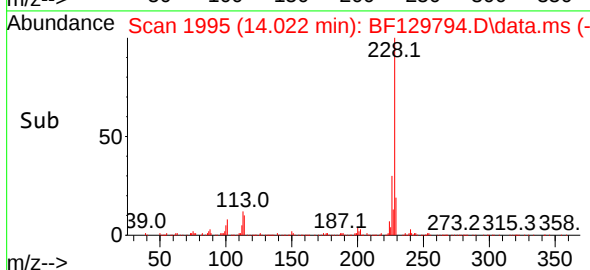
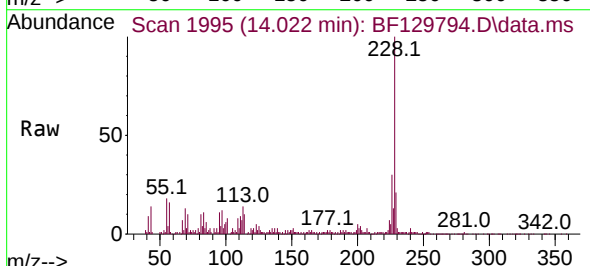
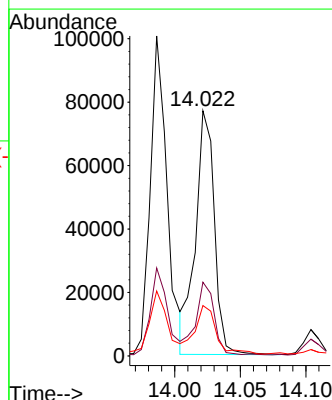
RT: 14.022 min Scan# 1995

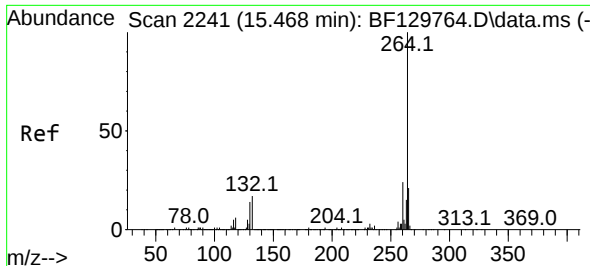
Delta R.T. -0.012 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

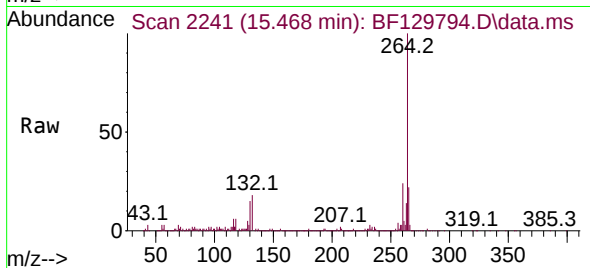
Tgt Ion:228	Resp:	76655
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.4 36.6
229	20.6	15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

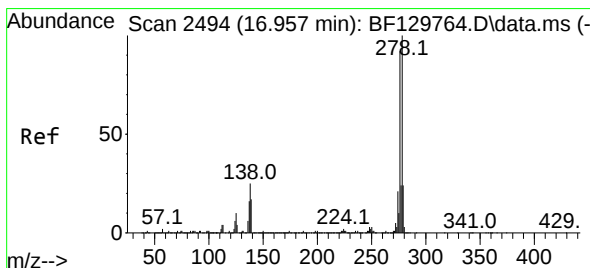
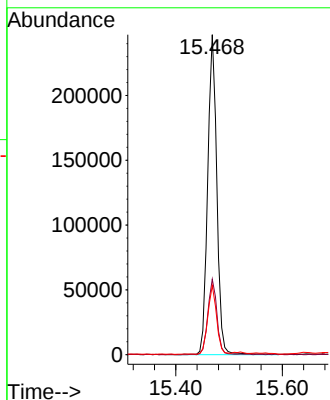
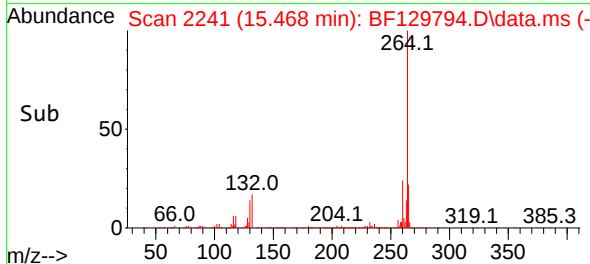
Instrument :
BNA_F
ClientSampleId :
SS-5



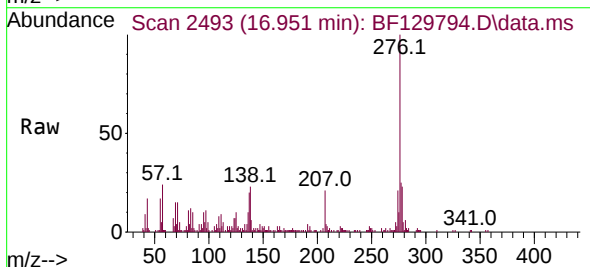
Tgt Ion:264 Resp: 294045
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.6 16.7 25.1

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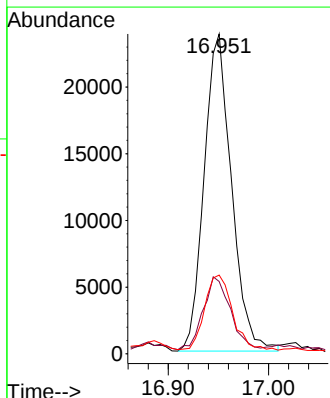
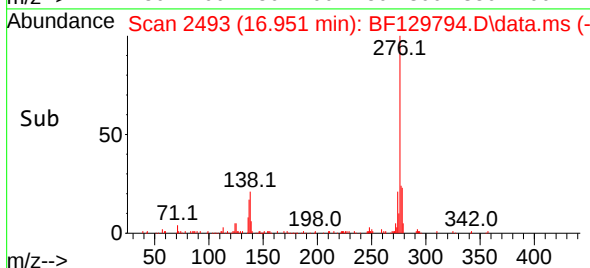
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

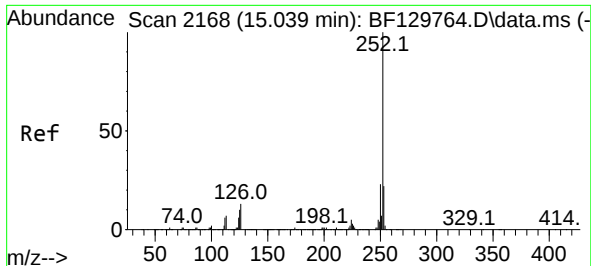


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.239 ng
RT: 16.951 min Scan# 2493
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21



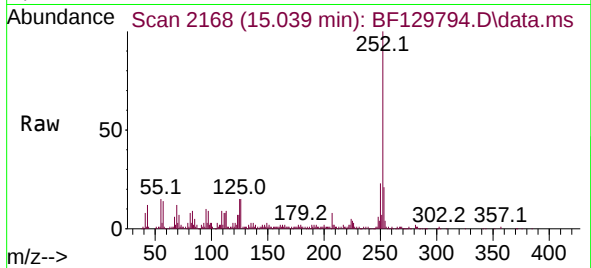
Tgt Ion:276 Resp: 45193
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.8
277 24.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 4.212 ng m
RT: 15.039 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

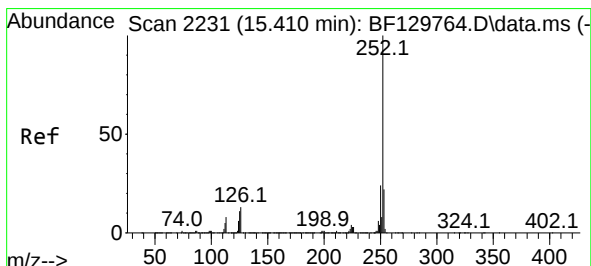
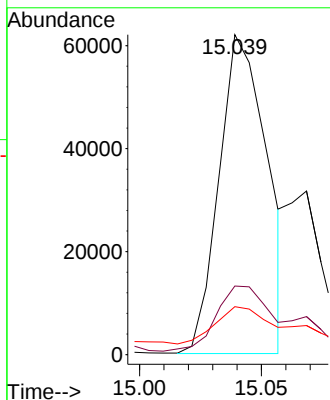
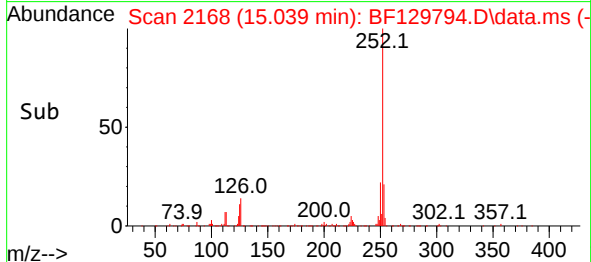
Instrument :
BNA_F
ClientSampleId :
SS-5



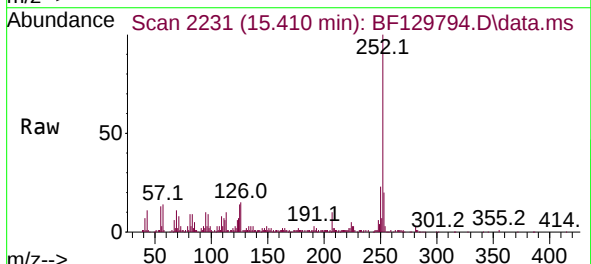
Tgt Ion:252 Resp: 84813
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 15.0 8.3 12.5

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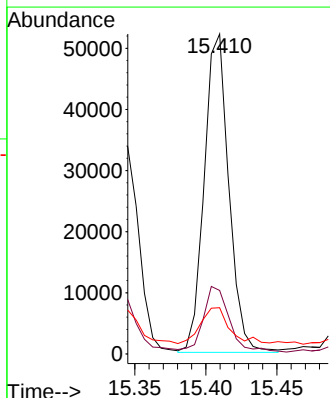
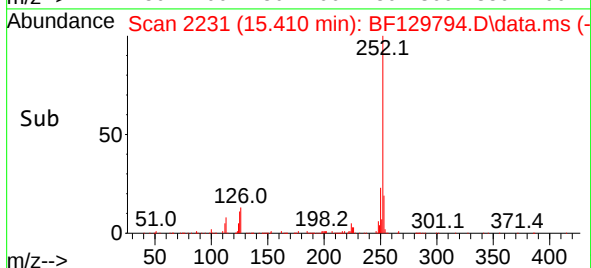
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

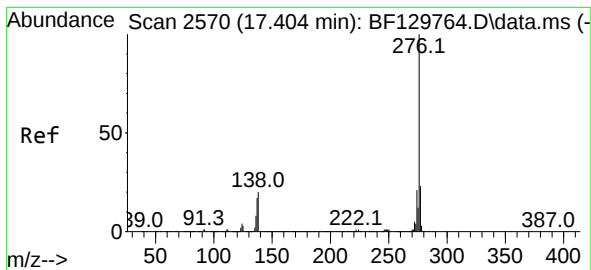


#90
Benzo(a)pyrene
Concen: 3.966 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21



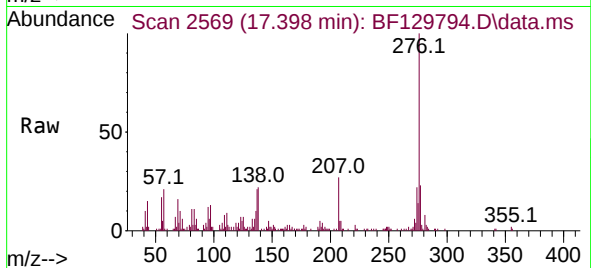
Tgt Ion:252 Resp: 62879
Ion Ratio Lower Upper
252 100
253 19.8 17.2 25.8
125 14.4 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.678 ng
 RT: 17.398 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BF129794.D
 Acq: 15 Aug 2022 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-5



Tgt Ion: 276 Resp: 44499
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.2 27.4
 138 22.4 15.8 23.8

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

