

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129795.D
 Acq On : 15 Aug 2022 22:53
 Operator : CG\JU
 Sample : N4205-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 03:19:36 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	154786	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	642233	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	340943	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	566160	20.000	ng	0.00
76) Chrysene-d12	13.998	240	309332	20.000	ng	0.00
86) Perylene-d12	15.468	264	284477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	898841	96.146	ng	0.00
7) Phenol-d6	6.475	99	1160031	99.087	ng	0.00
23) Nitrobenzene-d5	7.387	82	748684	62.405	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	317808	92.875	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1439963	64.146	ng	0.00
79) Terphenyl-d14	12.939	244	1328216	71.446	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	179986	5.692	ng	99
75) Fluoranthene	12.569	202	224753	6.946	ng	99
78) Pyrene	12.798	202	191160	7.111	ng	100
81) Benzo(a)anthracene	13.986	228	75913	3.567	ng	99
83) Chrysene	14.027	228	66500	3.339	ng	93
87) Indeno(1,2,3-cd)pyrene	16.951	276	42974	2.200	ng	97
88) Benzo(b)fluoranthene	15.039	252	77445m	3.976	ng	
90) Benzo(a)pyrene	15.410	252	57901	3.774	ng	# 93
92) Benzo(g,h,i)perylene	17.398	276	43711	2.719	ng	# 94

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

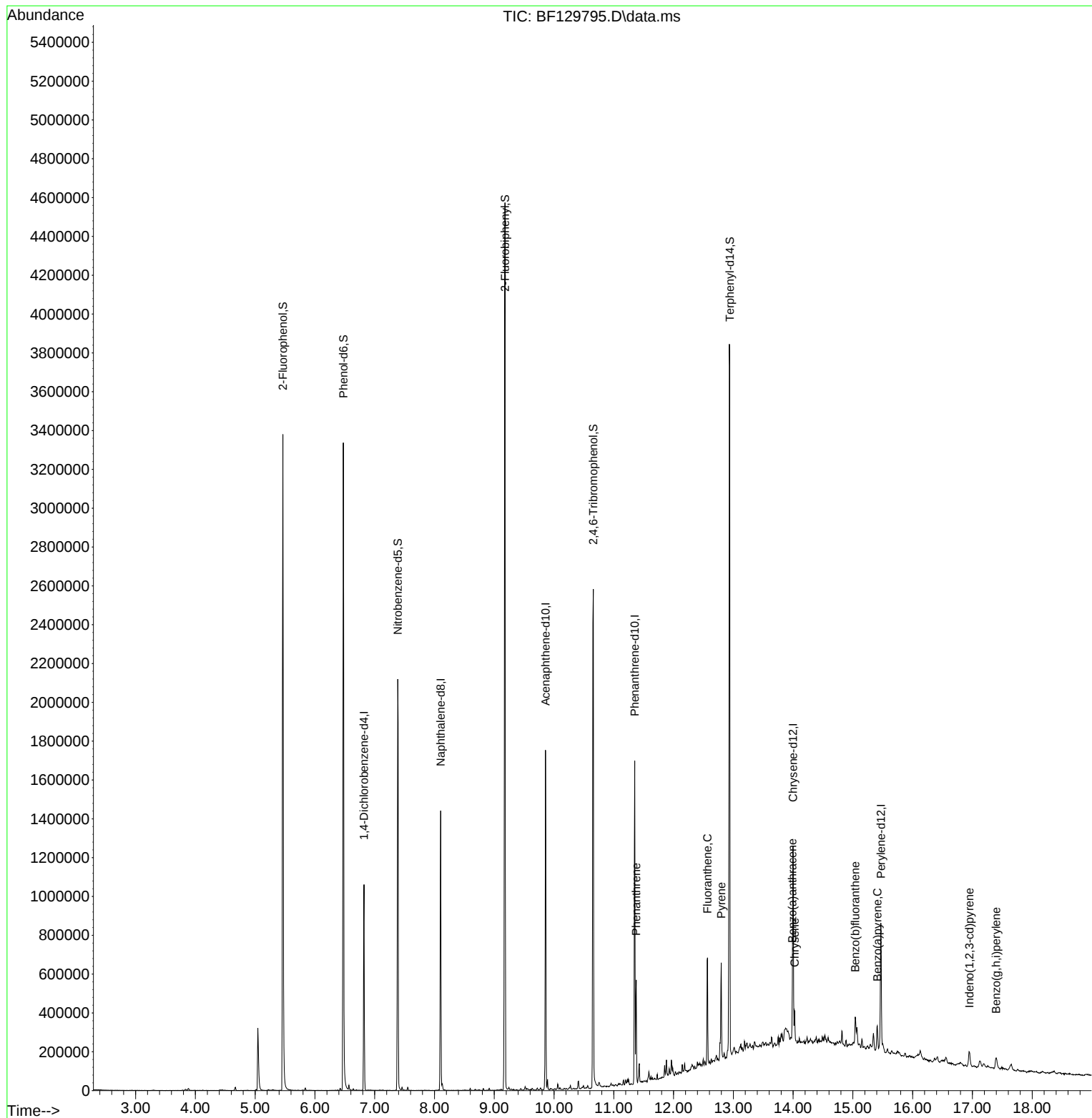
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129795.D
Acq On : 15 Aug 2022 22:53
Operator : CG\JU
Sample : N4205-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

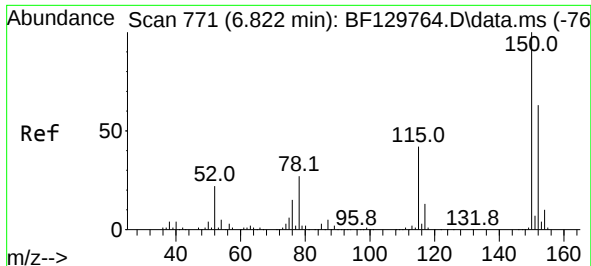
Instrument :
BNA_F
ClientSampleId :
SS-7

Quant Time: Aug 16 03:19:36 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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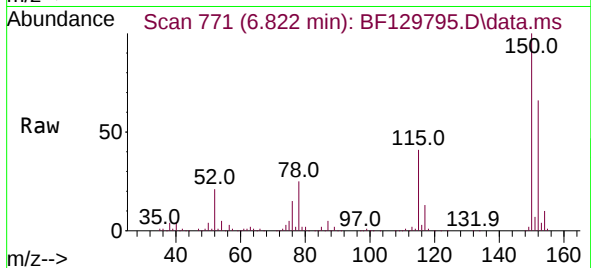
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

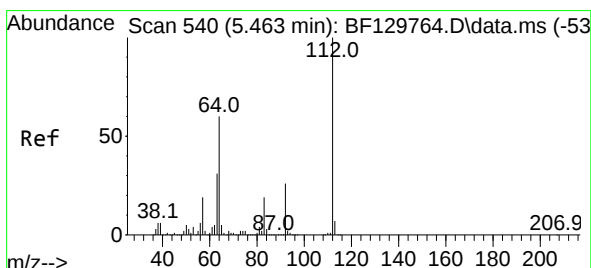
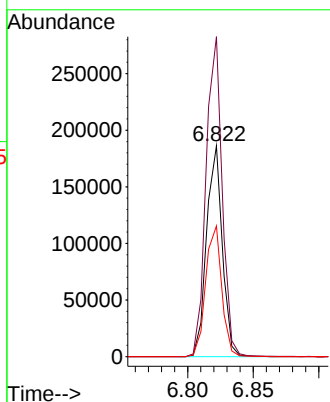
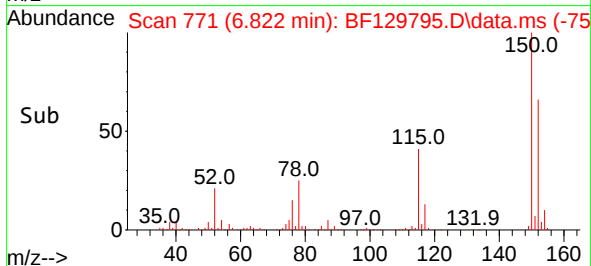
Instrument :
BNA_F
ClientSampleId :
SS-7



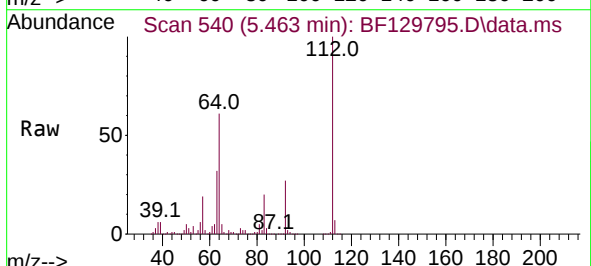
Tgt Ion:152 Resp: 154786
Ion Ratio Lower Upper
152 100
150 151.8 126.9 190.3
115 62.0 53.4 80.0

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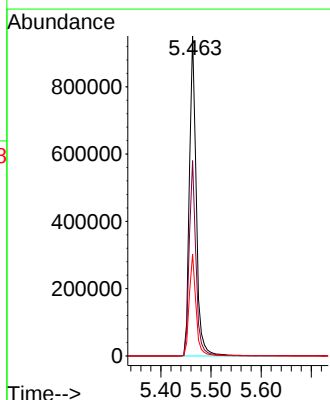
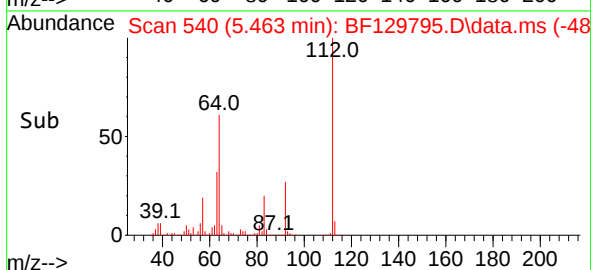
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#5
2-Fluorophenol
Concen: 96.146 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



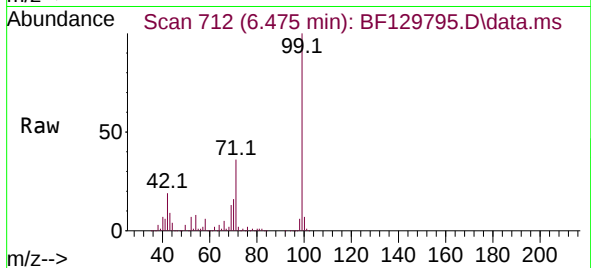
Tgt Ion:112 Resp: 898841
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 31.8 24.6 37.0





#7
Phenol-d6
Concen: 99.087 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

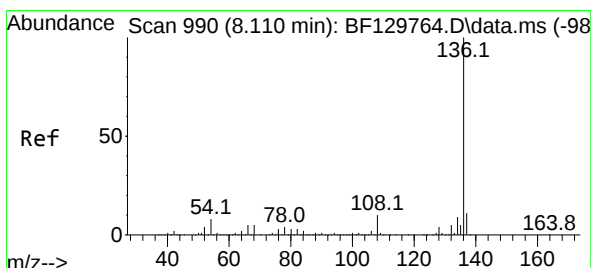
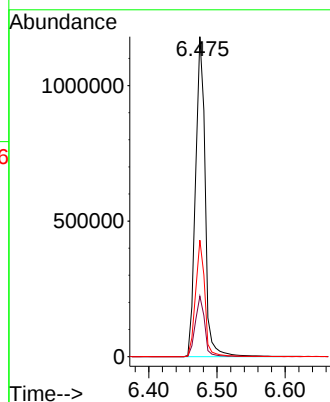
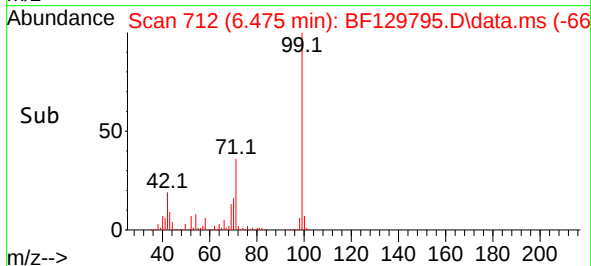
Instrument :
BNA_F
ClientSampleId :
SS-7



Tgt Ion: 99 Resp: 1160031
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.4 28.8 43.2

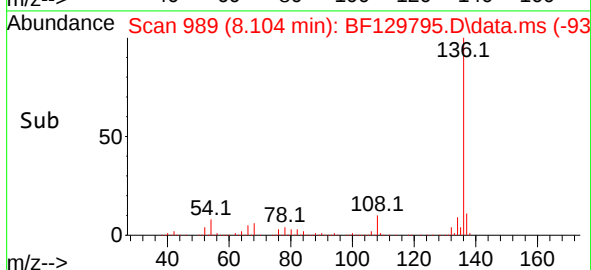
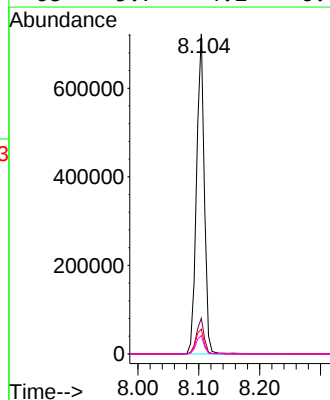
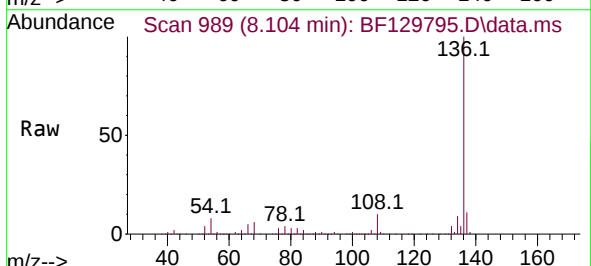
Manual Integrations
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

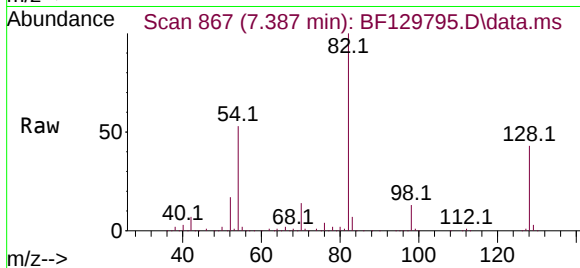
Tgt Ion:136 Resp: 642233
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 6.2 9.2
68 5.7 4.2 6.4





#23
Nitrobenzene-d5
Concen: 62.405 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

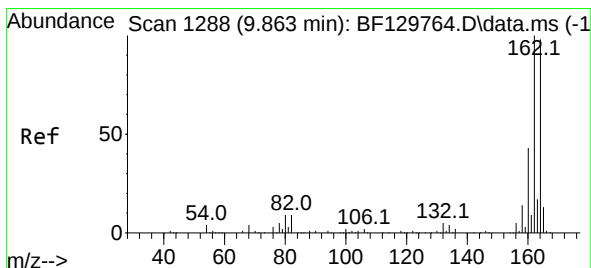
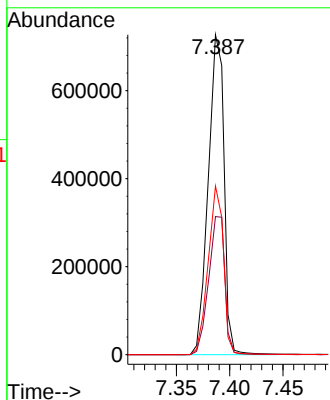
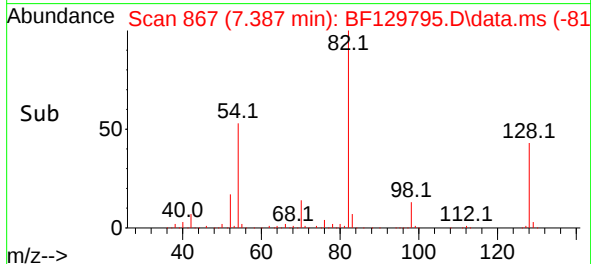
Instrument :
BNA_F
ClientSampleId :
SS-7



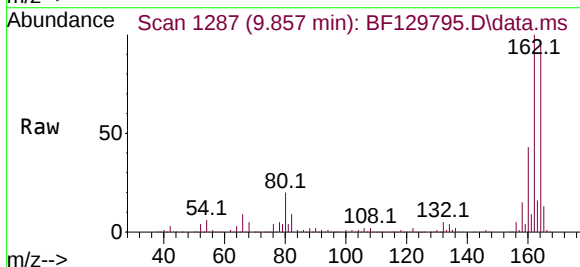
Tgt Ion: 82 Resp: 748684
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 52.7 40.0 60.0

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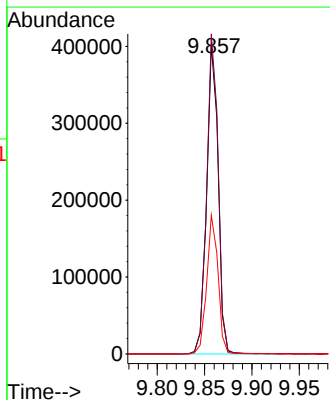
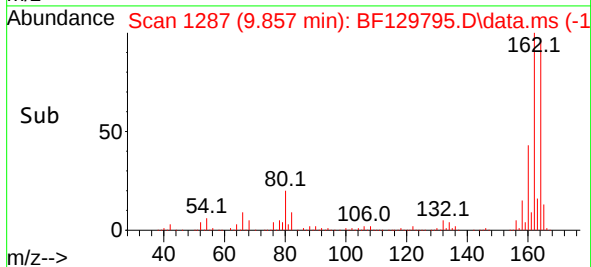
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

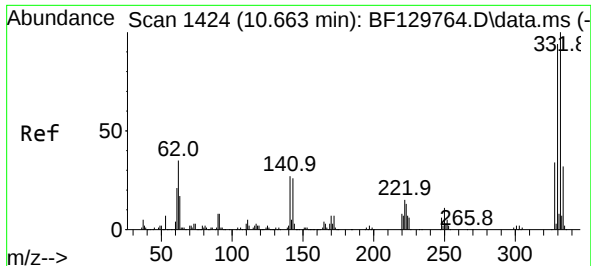


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



Tgt Ion:164 Resp: 340943
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 44.9 35.4 53.0





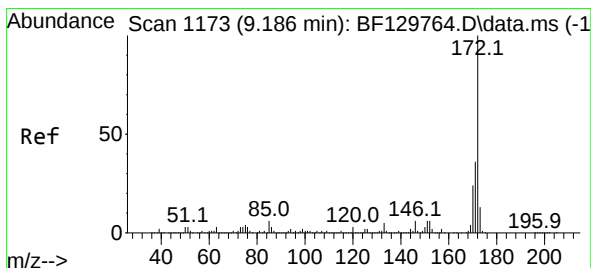
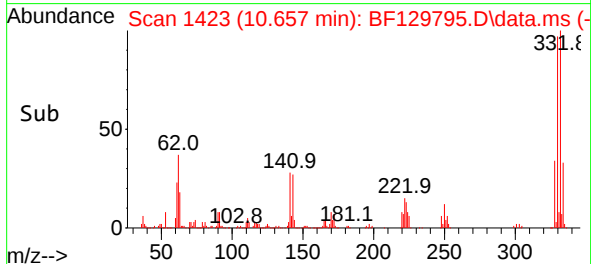
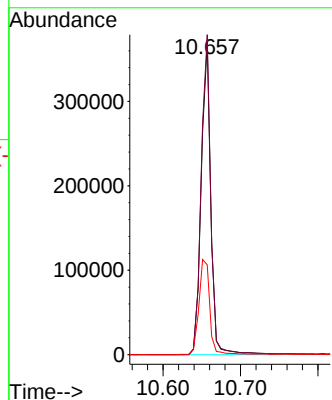
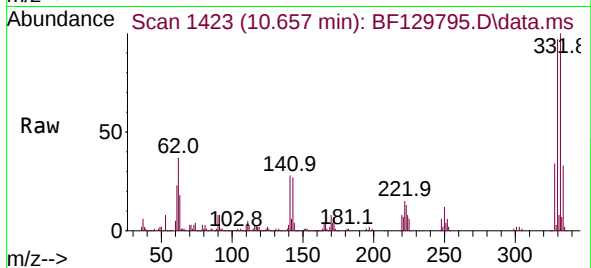
#42
2,4,6-Tribromophenol
Concen: 92.875 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 330 Resp: 317808
Ion Ratio Lower Upper
330 100
332 103.2 82.6 124.0
141 34.4 27.6 41.4

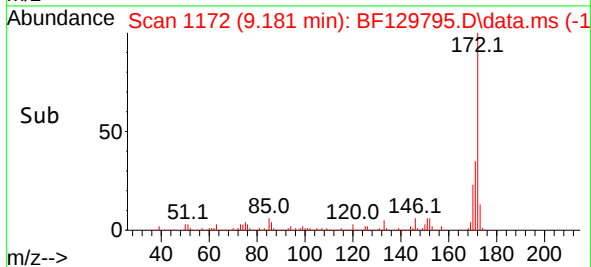
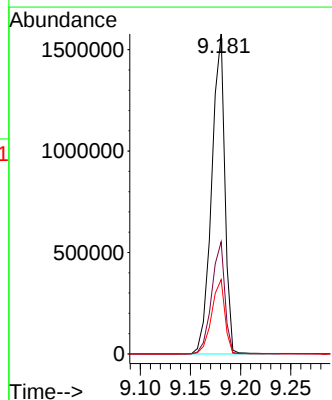
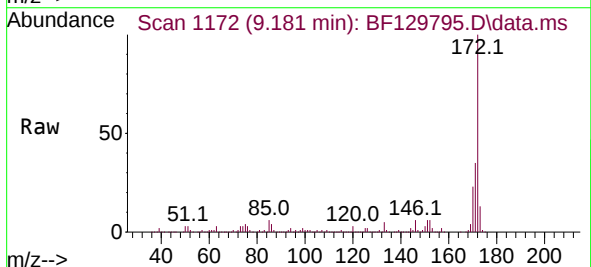
Manual Integrations
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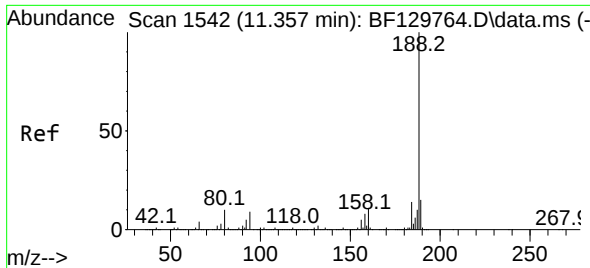
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022



#45
2-Fluorobiphenyl
Concen: 64.146 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

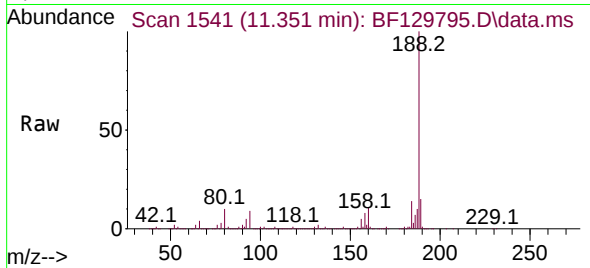
Tgt Ion: 172 Resp: 1439963
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.2 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

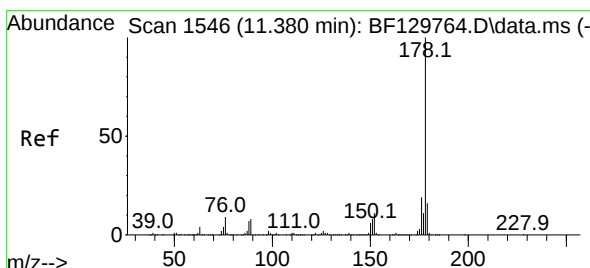
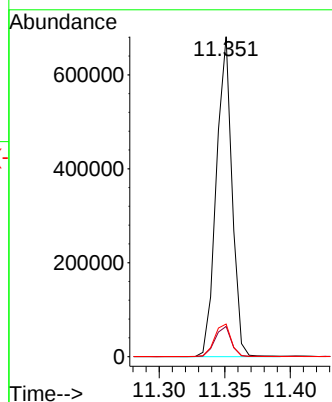
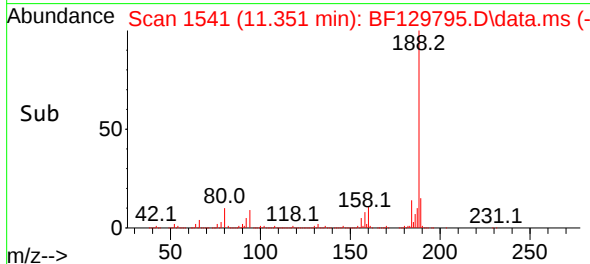
Instrument :
BNA_F
ClientSampleId :
SS-7



Tgt Ion:188 Resp: 566160
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 7.9 11.9

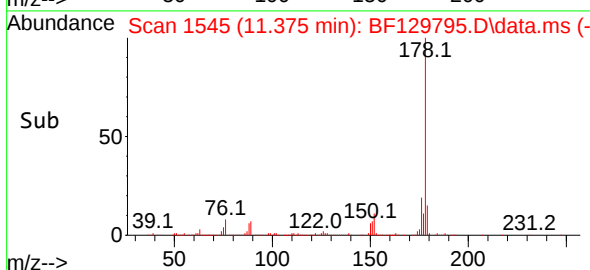
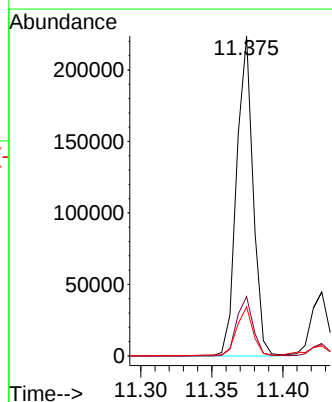
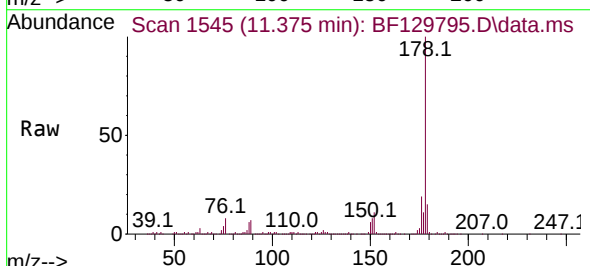
Manual Integrations
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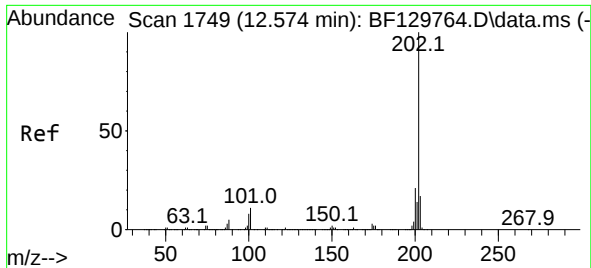
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#71
Phenanthrene
Concen: 5.692 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

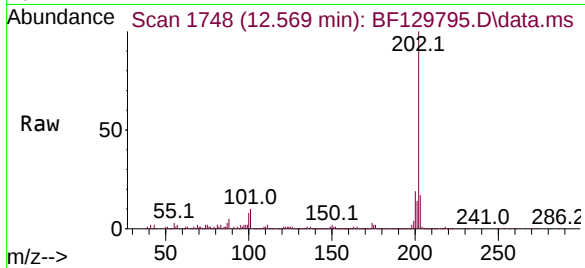
Tgt Ion:178 Resp: 179986
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.3 12.5 18.7





#75
Fluoranthene
Concen: 6.946 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

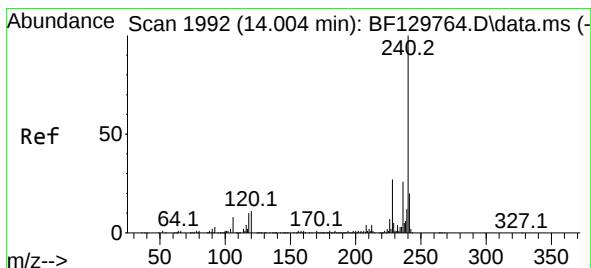
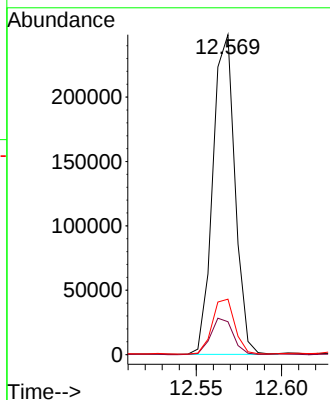
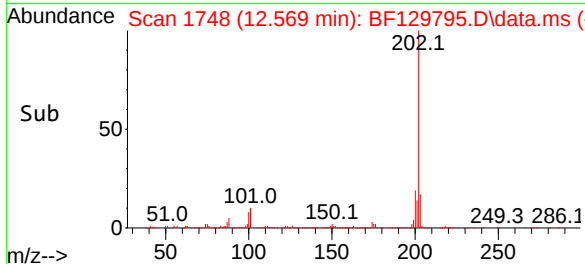
Instrument :
BNA_F
ClientSampleId :
SS-7



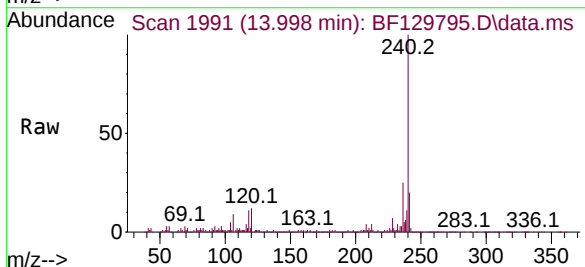
Tgt Ion:202 Resp: 224753
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.3 0.0 37.5

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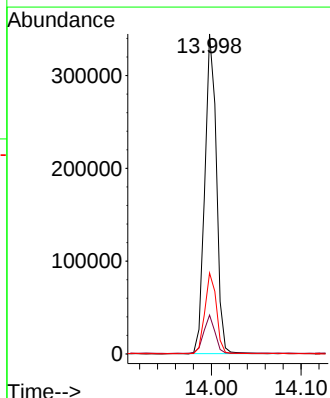
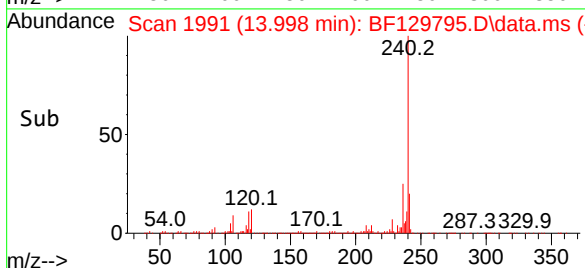
Reviewed By :Christian Giraldo 08/16/2022
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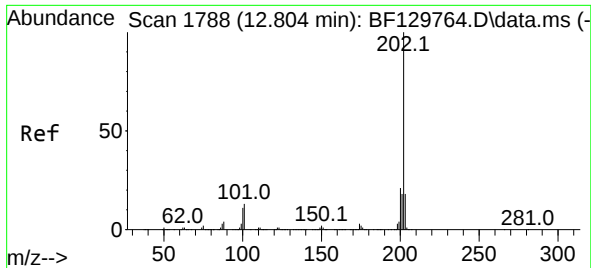


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



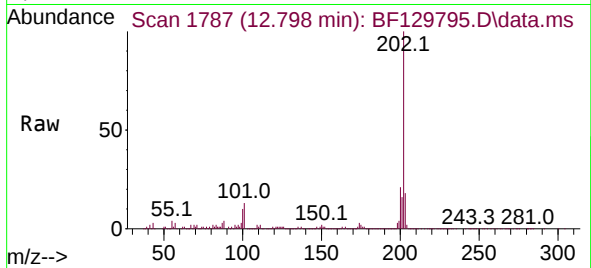
Tgt Ion:240 Resp: 309332
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.3 20.7 31.1





#78
Pyrene
Concen: 7.111 ng
RT: 12.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

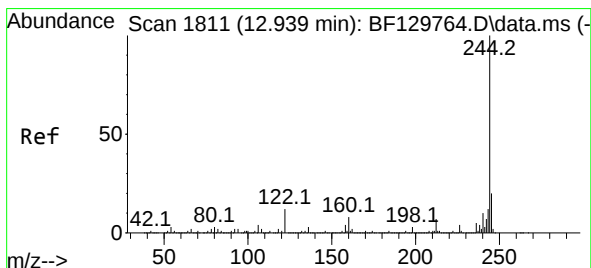
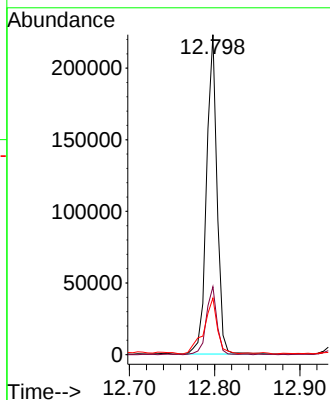
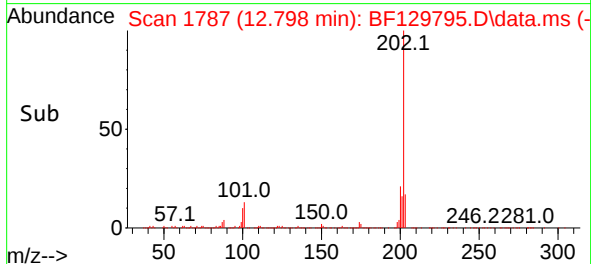
Instrument :
BNA_F
ClientSampleId :
SS-7



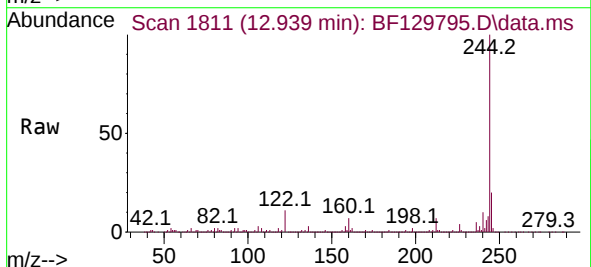
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Ion Ratio Lower Upper
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200 21.2 17.0 25.6
203 17.7 14.1 21.1

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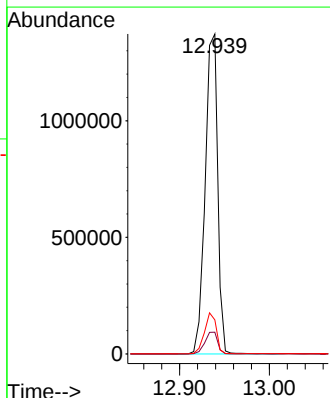
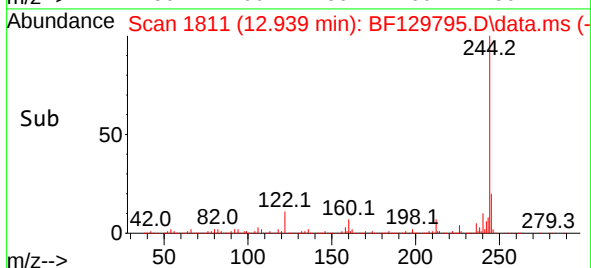
Reviewed By :Christian Giraldo 08/16/2022
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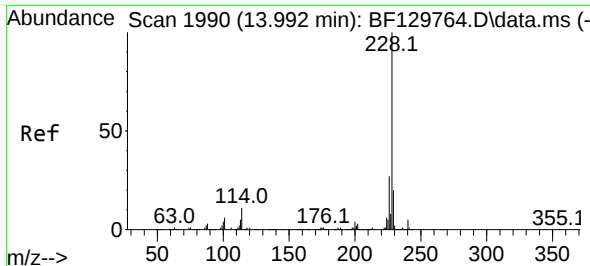


#79
Terphenyl-d14
Concen: 71.446 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



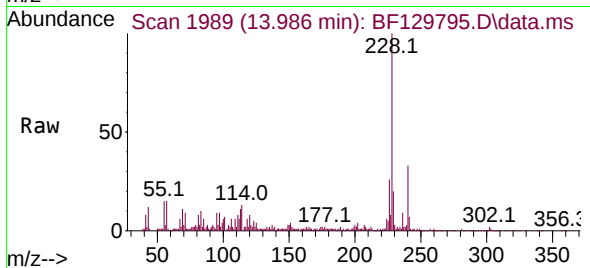
Tgt Ion:244 Resp: 1328216
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.6 9.9 14.9





#81
Benzo(a)anthracene
Concen: 3.567 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

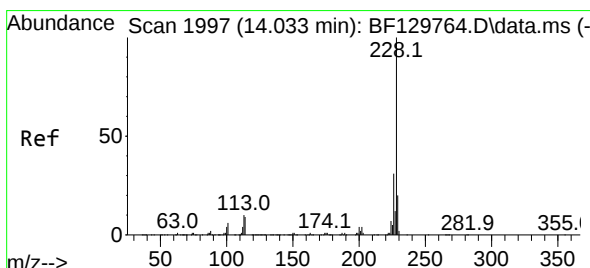
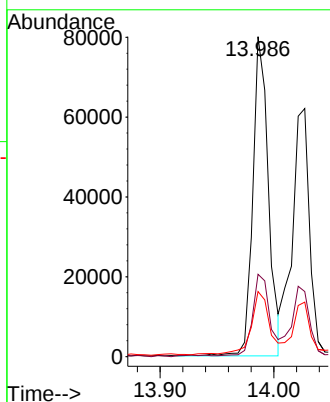
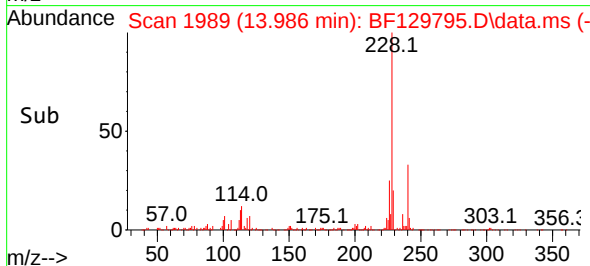
Instrument :
BNA_F
ClientSampleId :
SS-7



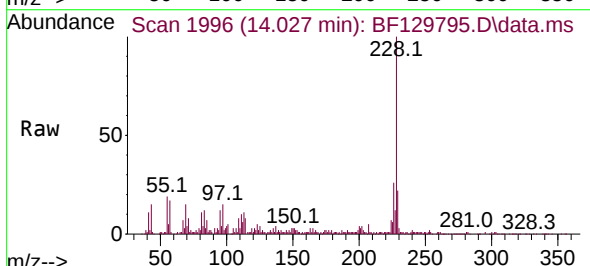
Tgt Ion:228 Resp: 75913
Ion Ratio Lower Upper
228 100
226 25.7 21.4 32.0
229 20.3 16.1 24.1

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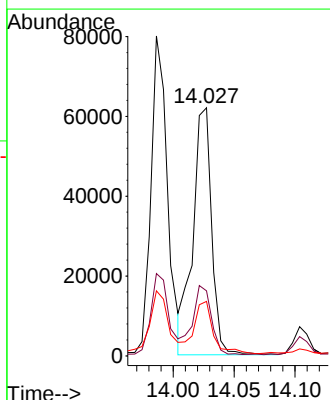
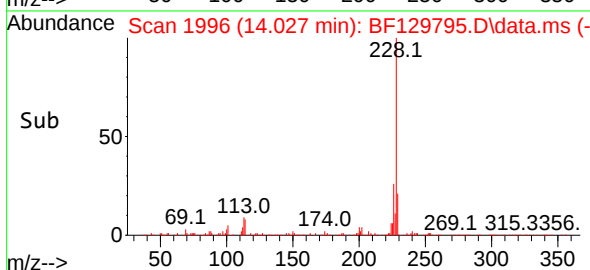
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

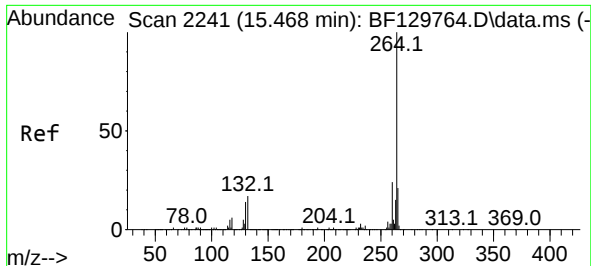


#83
Chrysene
Concen: 3.339 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



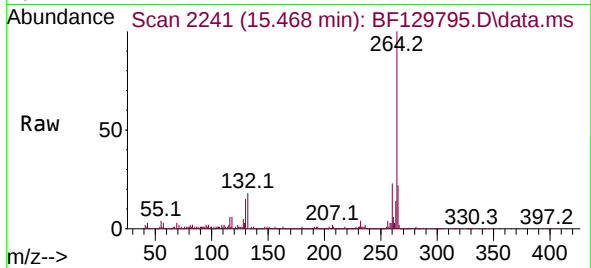
Tgt Ion:228 Resp: 66500
Ion Ratio Lower Upper
228 100
226 26.2 24.4 36.6
229 21.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

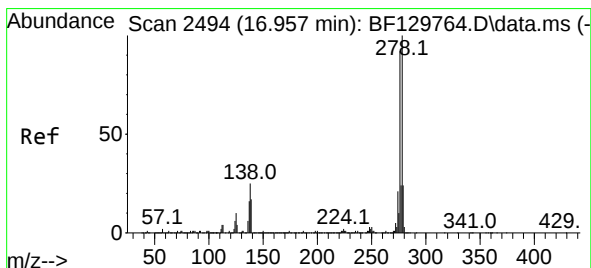
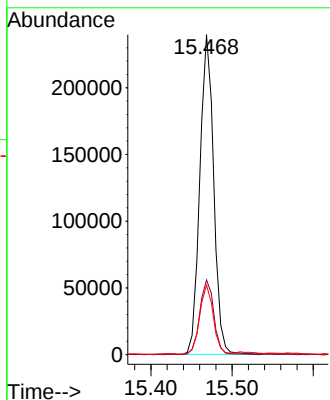
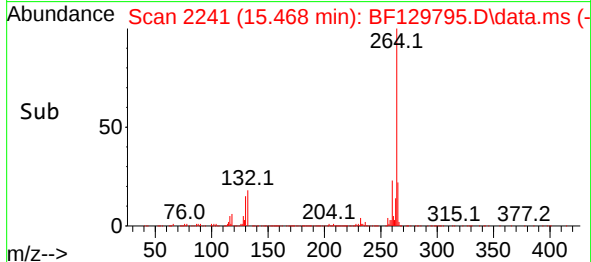
Instrument :
BNA_F
ClientSampleId :
SS-7



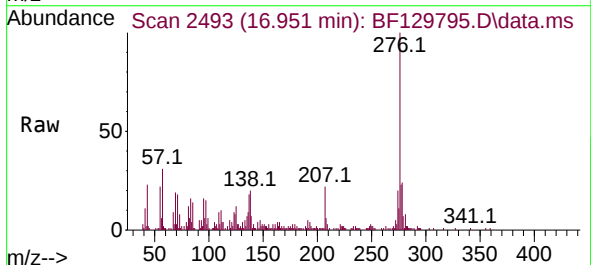
Tgt Ion:264 Resp: 28447
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.7 16.7 25.1

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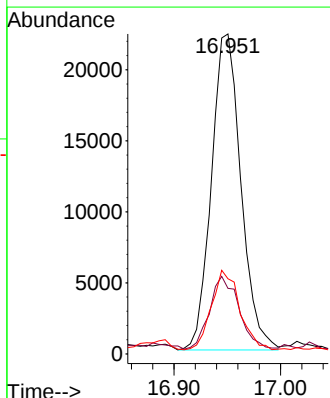
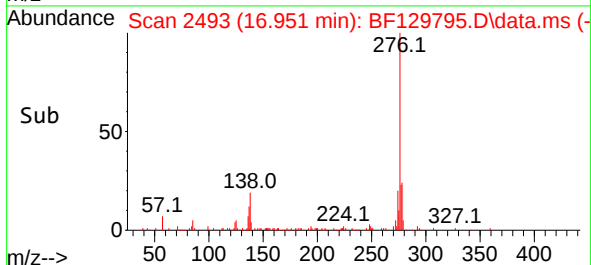
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

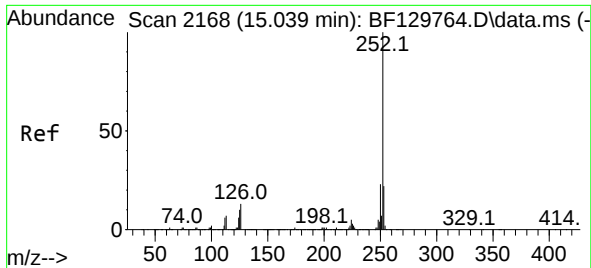


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.200 ng
RT: 16.951 min Scan# 2493
Delta R.T. -0.006 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53



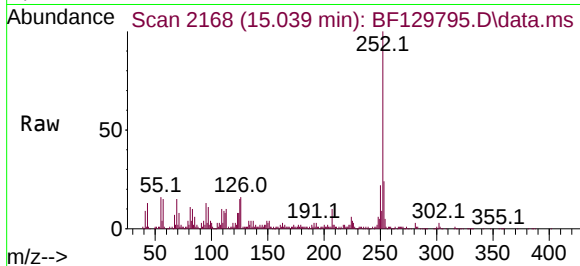
Tgt Ion:276 Resp: 42974
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.8
277 23.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 3.976 ng m
RT: 15.039 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

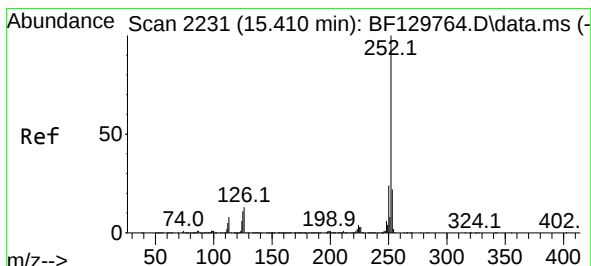
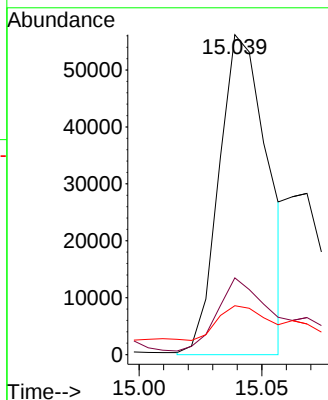
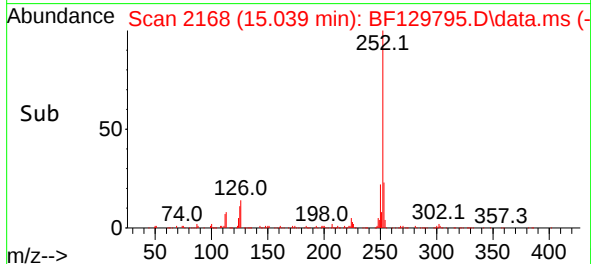
Instrument :
BNA_F
ClientSampleId :
SS-7



Tgt Ion:252 Resp: 77445
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 15.3 8.3 12.5

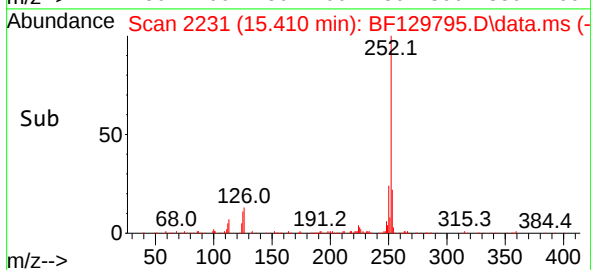
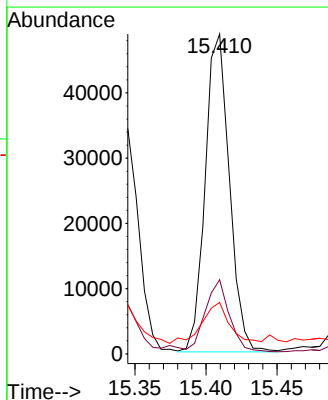
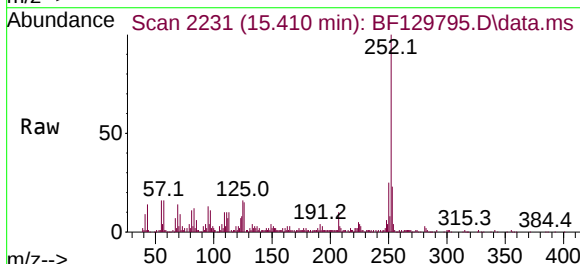
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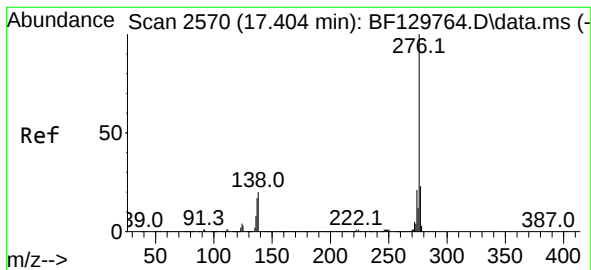
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#90
Benzo(a)pyrene
Concen: 3.774 ng
RT: 15.410 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF129795.D
Acq: 15 Aug 2022 22:53

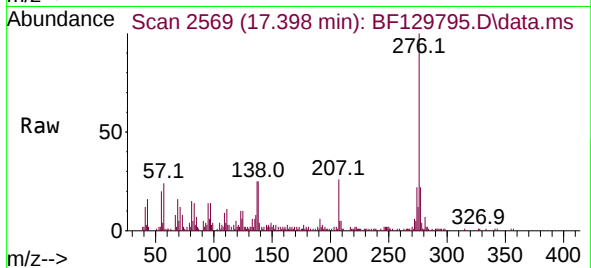
Tgt Ion:252 Resp: 57901
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 16.1 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.719 ng
 RT: 17.398 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BF129795.D
 Acq: 15 Aug 2022 22:53

Instrument :
 BNA_F
 ClientSampleId :
 SS-7



Tgt Ion: 276 Resp: 43711
 Ion Ratio Lower Upper
 276 100
 277 22.2 18.2 27.4
 138 24.9 15.8 23.8

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

