

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF129000.D
 Acq On : 24 Jun 2022 20:27
 Operator : CG\JU
 Sample : N3455-15 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-EXC-2-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 25 06:16:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	111956	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	394337	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	193660	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	291441	20.000	ng	0.00
76) Chrysene-d12	13.898	240	185137	20.000	ng	# 0.00
86) Perylene-d12	15.345	264	138874	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	109909	15.637	ng	0.00
7) Phenol-d6	6.381	99	139848	16.300	ng	0.00
23) Nitrobenzene-d5	7.286	82	95053	11.223	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	21692	9.480	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	173254	12.532	ng	-0.01
79) Terphenyl-d14	12.833	244	106002	9.949	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	12.698	202	31019	2.252	ng	96
81) Benzo(a)anthracene	13.892	228	45439	3.937	ng	# 87
83) Chrysene	13.927	228	68660	6.241	ng	# 95
88) Benzo(b)fluoranthene	14.927	252	39058m	4.401	ng	
90) Benzo(a)pyrene	15.286	252	29987	4.299	ng	# 76
92) Benzo(g,h,i)perylene	17.186	276	20805	3.023	ng	98

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

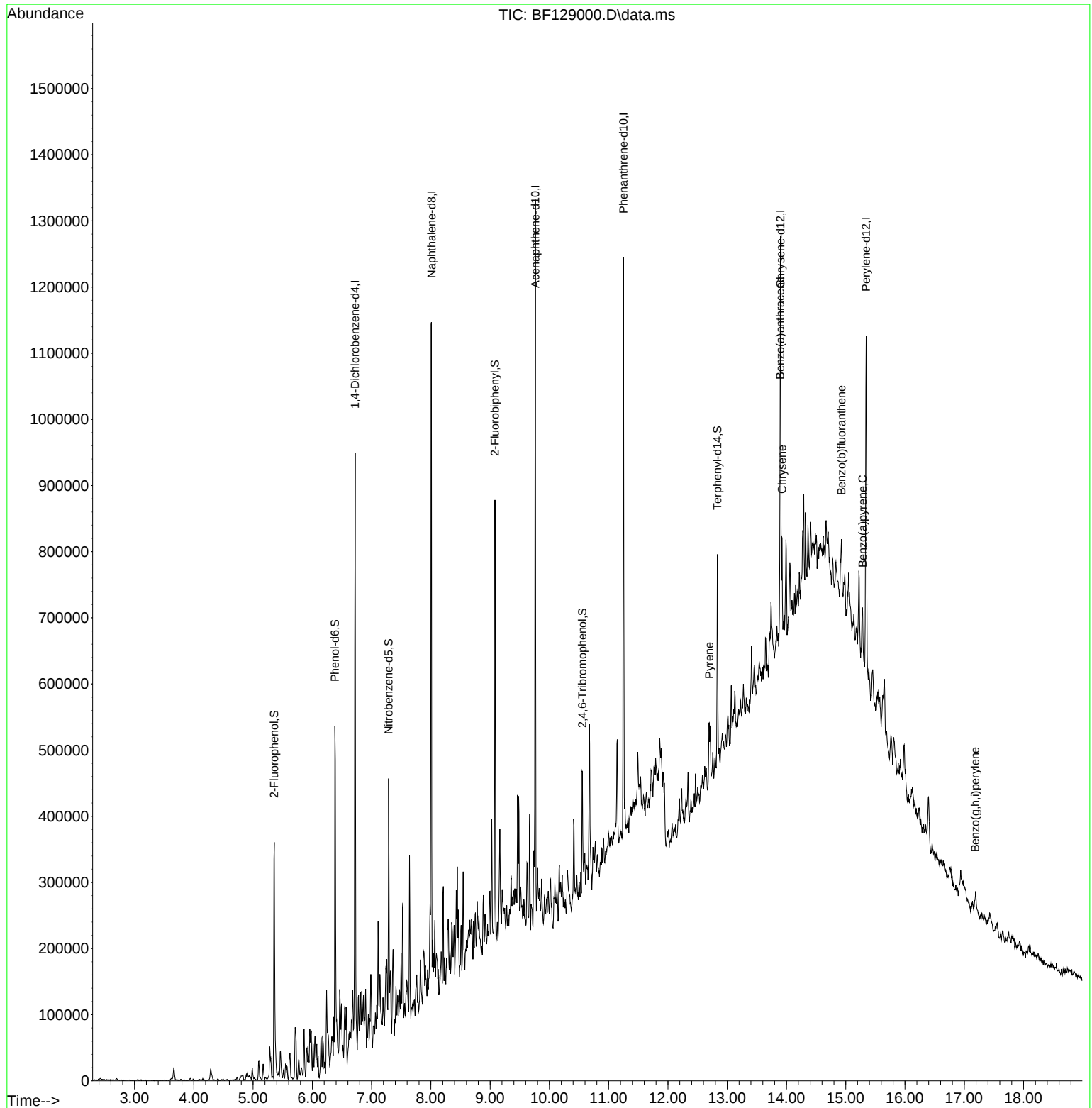
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF129000.D
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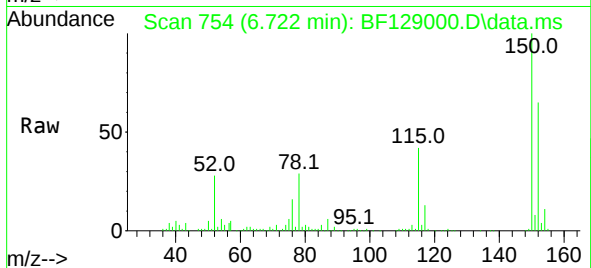
Reviewed By : Christian Giraldo 06/27/2022
Supervised By : Jagrut Upadhyay 06/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

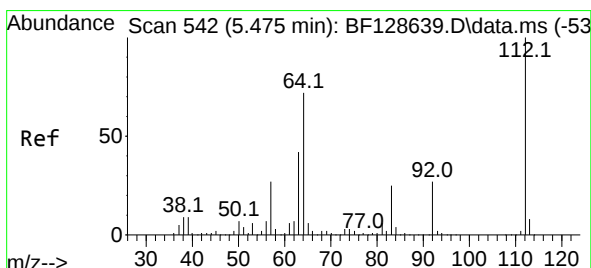
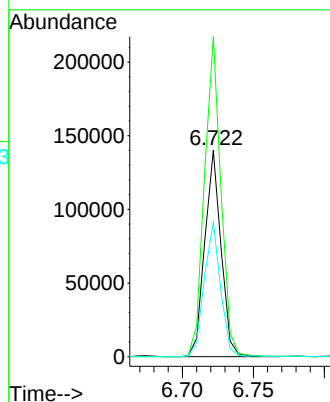
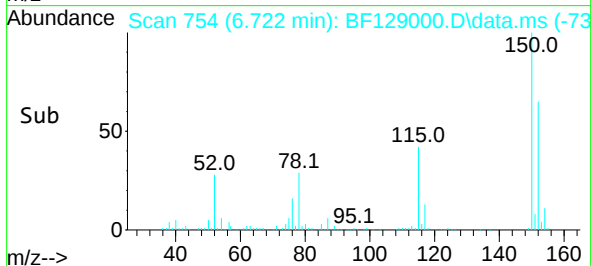
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-3



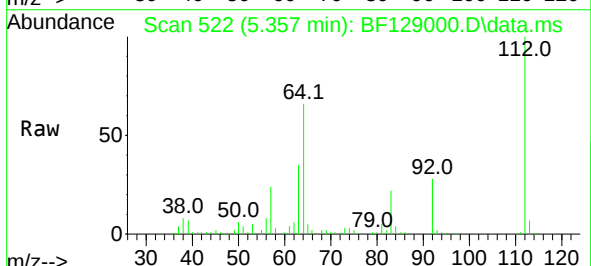
Tgt Ion:152 Resp: 111950
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 65.1 49.9 74.9

Manual Integrations
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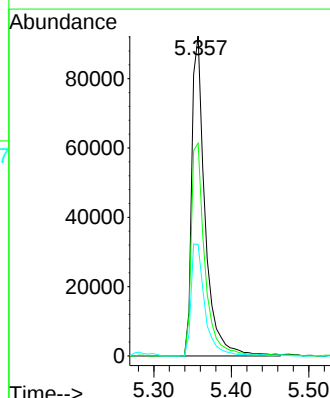
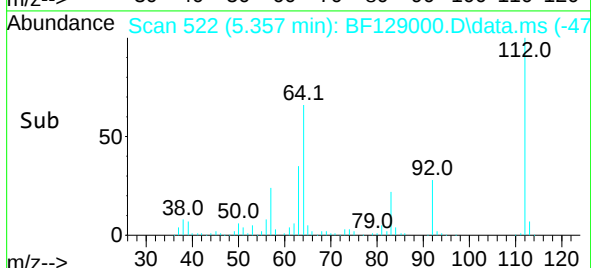
Reviewed By :Christian Giraldo 06/27/2022
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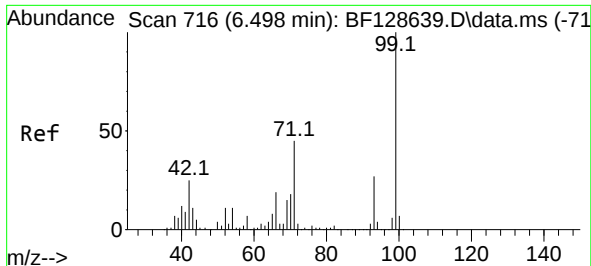


#5
2-Fluorophenol
Concen: 15.637 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27



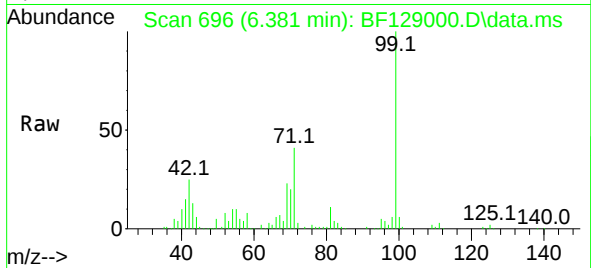
Tgt Ion:112 Resp: 109909
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 34.9 28.0 42.0





#7
Phenol-d6
Concen: 16.300 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

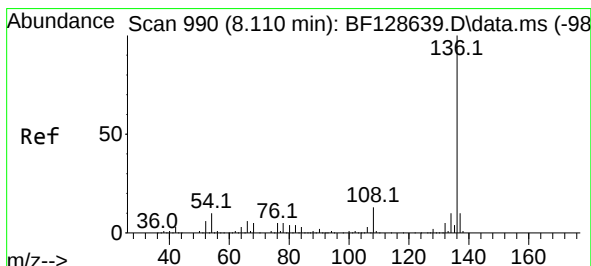
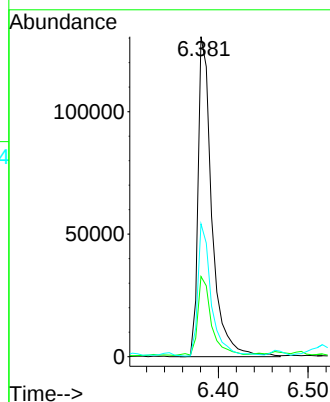
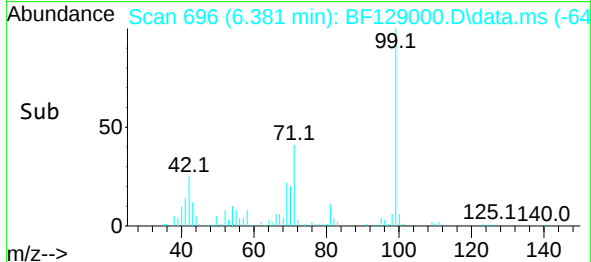
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-3



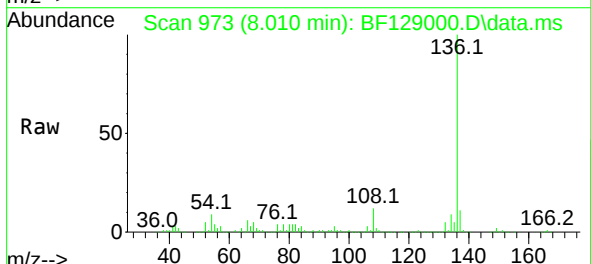
Tgt Ion: 99 Resp: 139848
Ion Ratio Lower Upper
99 100
42 25.0 17.3 25.9
71 41.5 28.9 43.3

Manual Integrations
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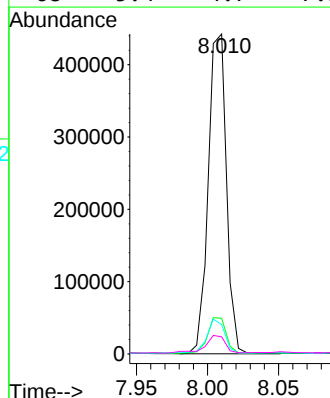
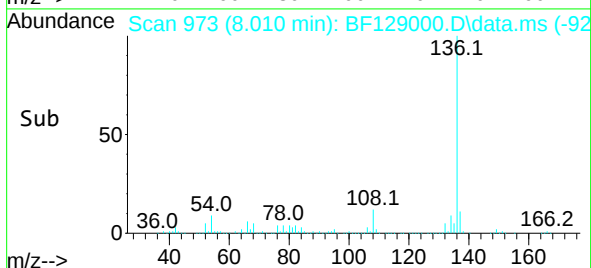
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27



Tgt Ion:136 Resp: 394337
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.5 11.3
68 5.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 11.223 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129000.D

Acq: 24 Jun 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-3

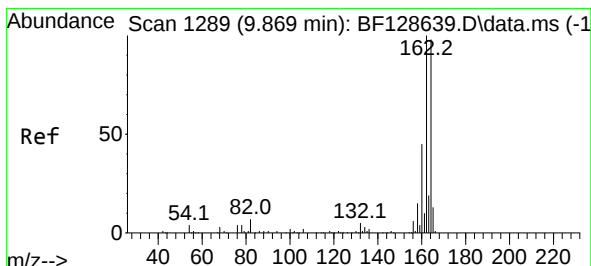
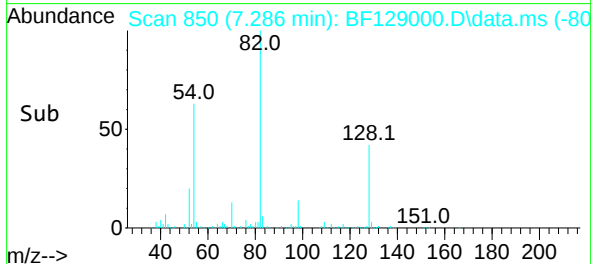
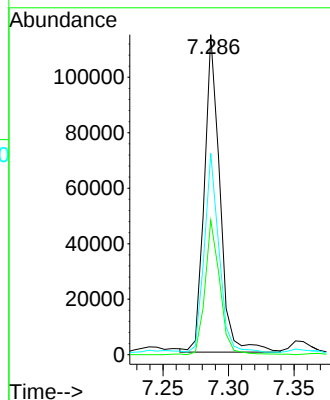
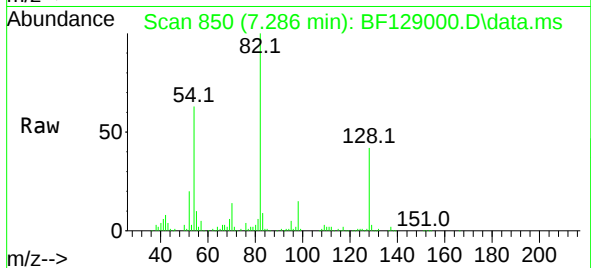
Tgt Ion:	82	Resp:	9505
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.0	51.0
54	62.9	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

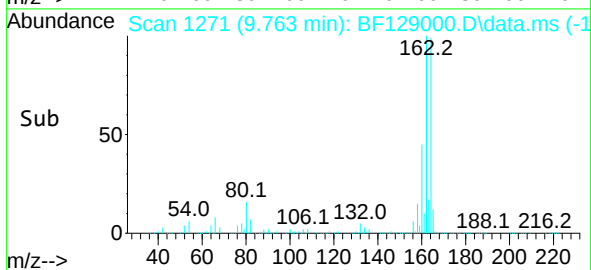
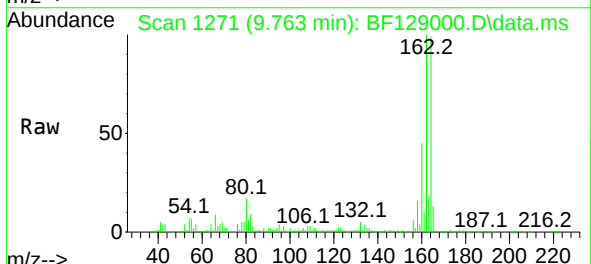
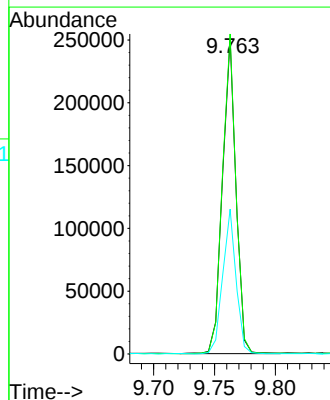
RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF129000.D

Acq: 24 Jun 2022 20:27

Tgt Ion:	164	Resp:	193660
Ion Ratio	Lower	Upper	
164	100		
162	101.3	79.5	119.3
160	45.9	34.2	51.4





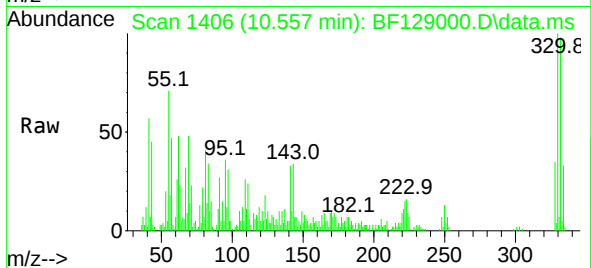
#42
2,4,6-Tribromophenol
Concen: 9.480 ng
RT: 10.557 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-3

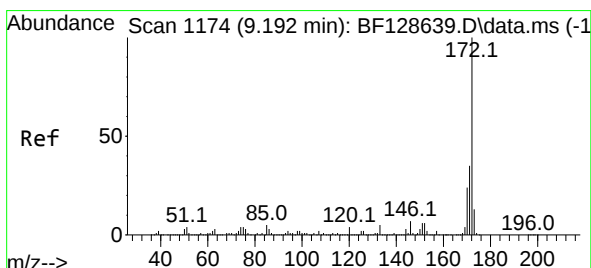
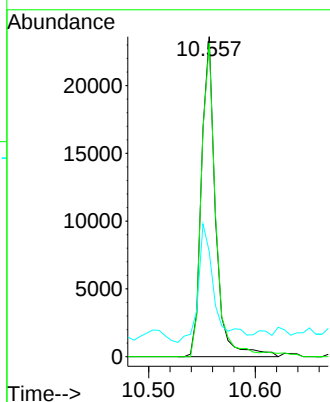
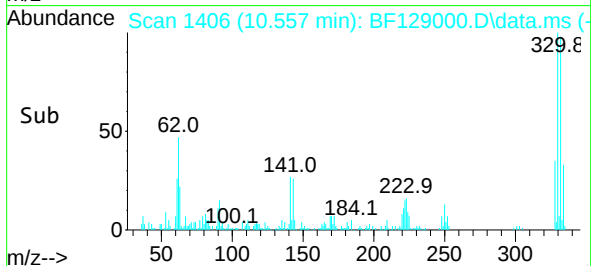


Tgt Ion:330 Resp: 21692
Ion Ratio Lower Upper
330 100
332 100.7 76.8 115.2
141 42.6 28.0 42.0

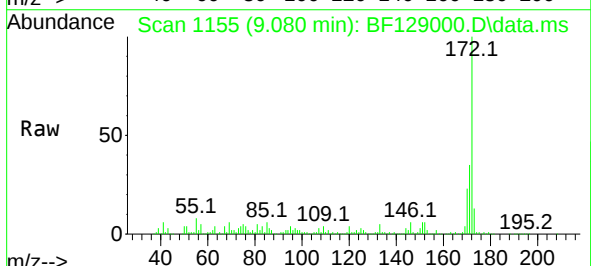
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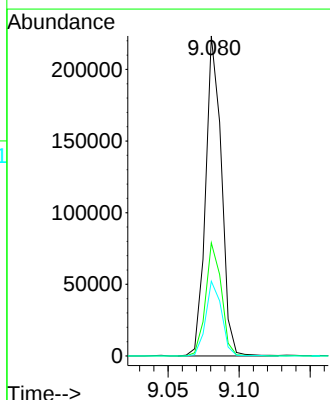
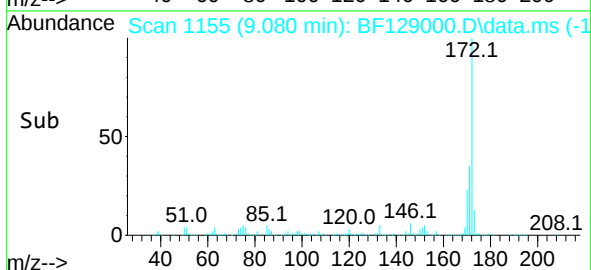
Reviewed By :Christian Giraldo 06/27/2022
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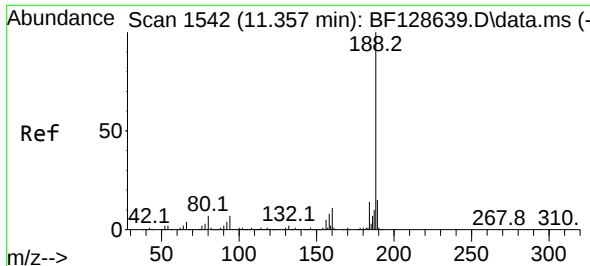


#45
2-Fluorobiphenyl
Concen: 12.532 ng
RT: 9.080 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27



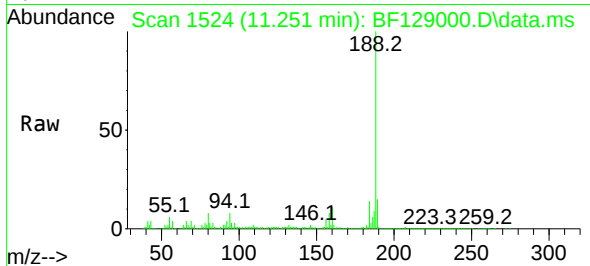
Tgt Ion:172 Resp: 173254
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

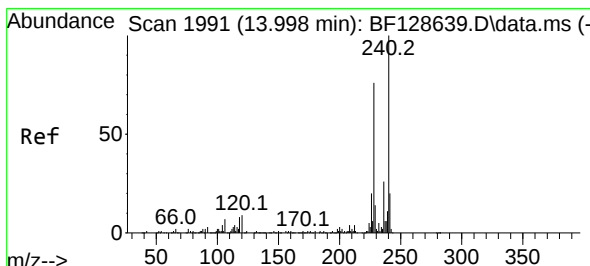
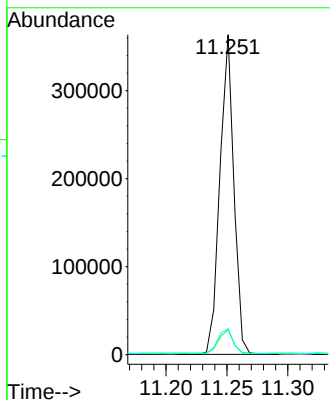
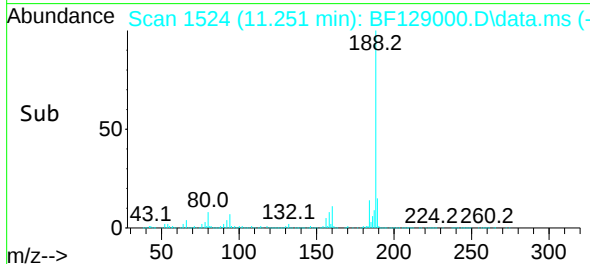
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-3



Tgt Ion:188 Resp: 29144
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.1 7.6 11.4

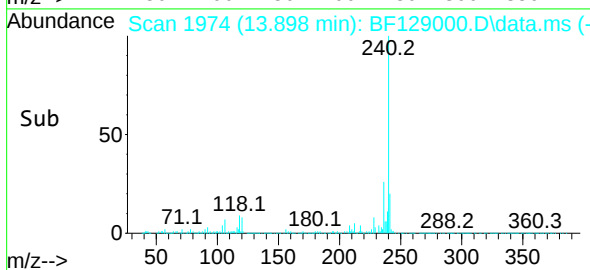
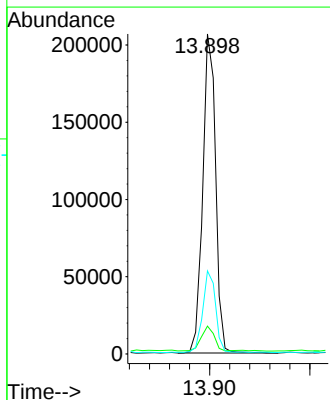
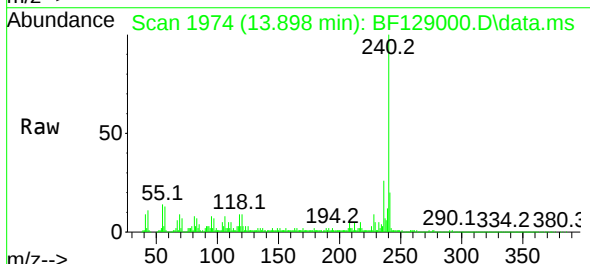
Manual Integrations
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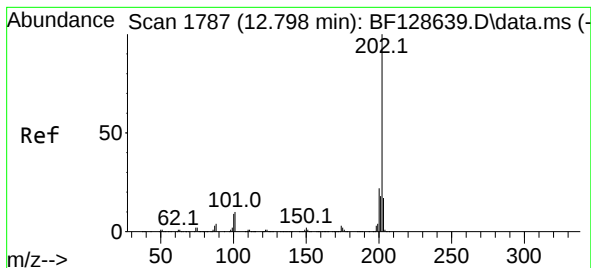
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

Tgt Ion:240 Resp: 185137
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 26.0 20.8 31.2





#78

Pyrene

Concen: 2.252 ng

RT: 12.698 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF129000.D

Acq: 24 Jun 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-3

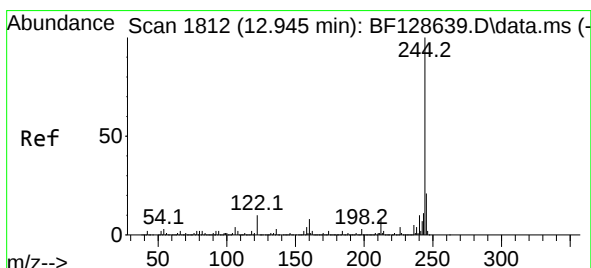
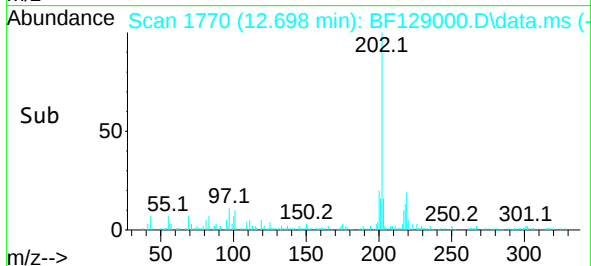
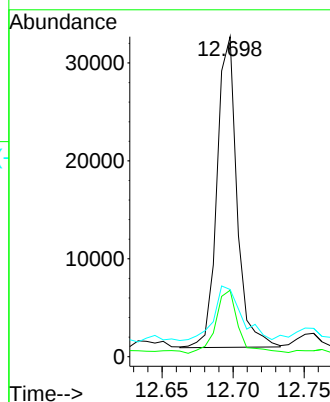
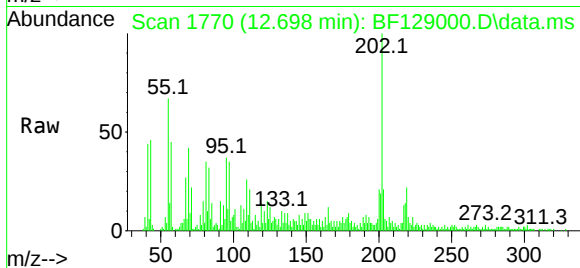
Tgt Ion:	202	Resp:	31019
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	21.0	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/27/2022



#79

Terphenyl-d14

Concen: 9.949 ng

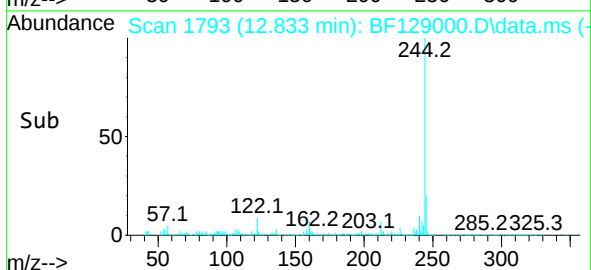
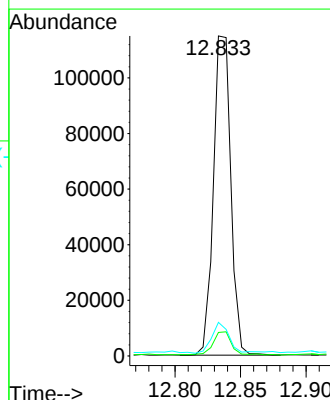
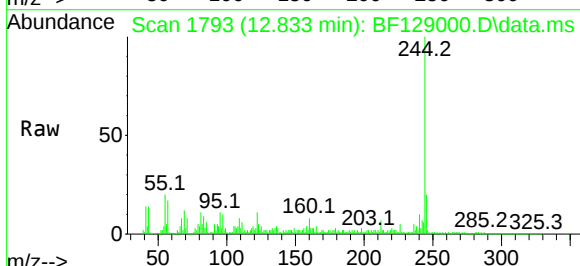
RT: 12.833 min Scan# 1793

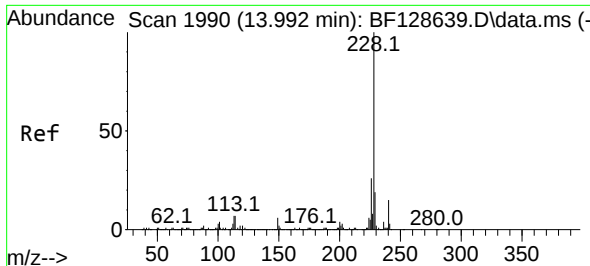
Delta R.T. -0.006 min

Lab File: BF129000.D

Acq: 24 Jun 2022 20:27

Tgt Ion:	244	Resp:	106002
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	10.5	8.8	13.2





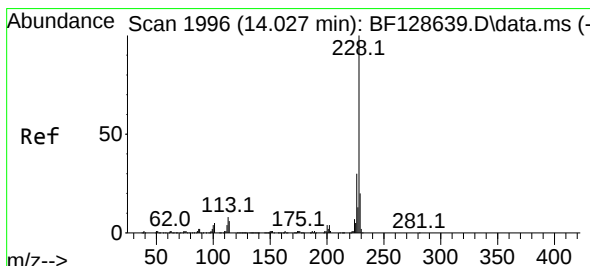
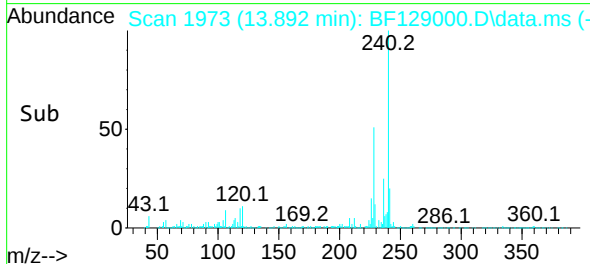
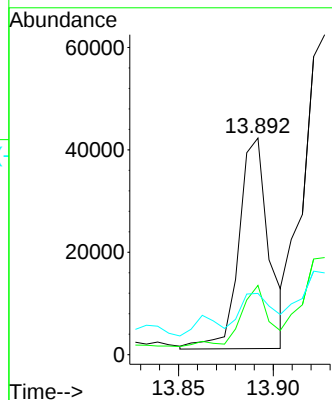
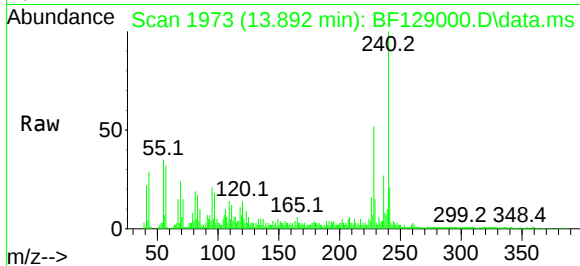
#81
Benzo(a)anthracene
Concen: 3.937 ng
RT: 13.892 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

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BNA_F
ClientSampleId :
SP-EXC-2-3

Tgt Ion:228 Resp: 45439
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 28.3 15.8 23.8

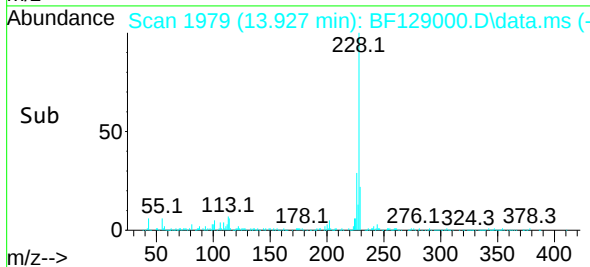
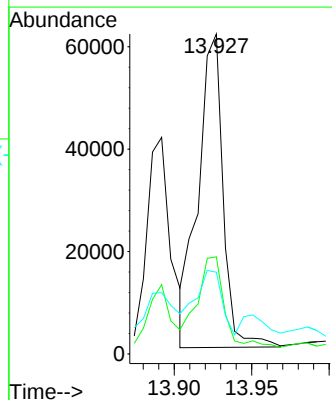
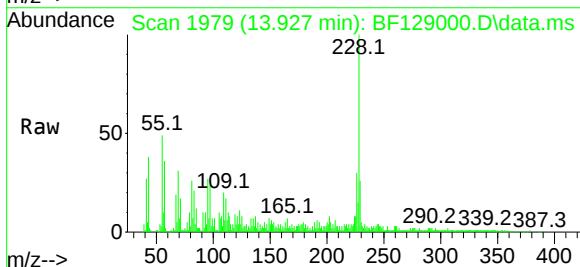
Manual Integrations
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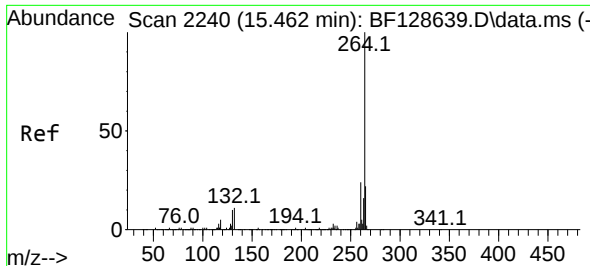
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#83
Chrysene
Concen: 6.241 ng
RT: 13.927 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

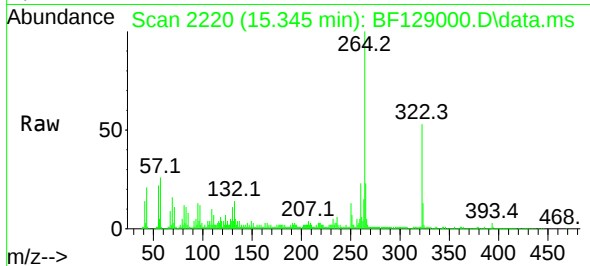
Tgt Ion:228 Resp: 68660
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 25.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2149
Delta R.T. 0.017 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

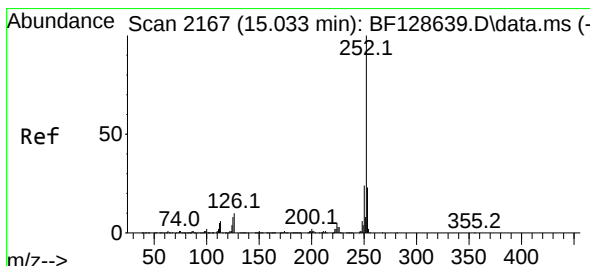
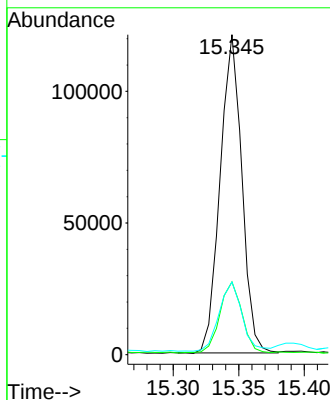
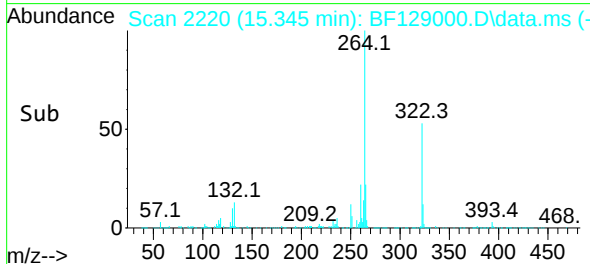
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-3



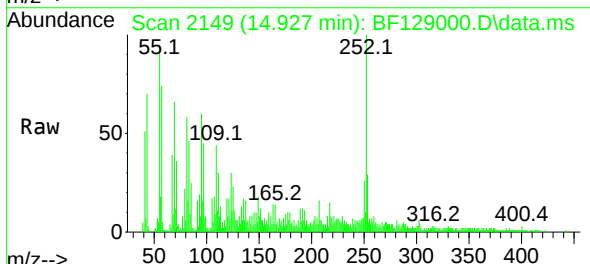
Tgt Ion:264 Resp: 138874
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 22.7 17.2 25.8

Manual Integrations
APPROVED

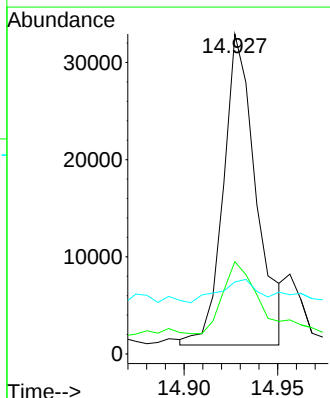
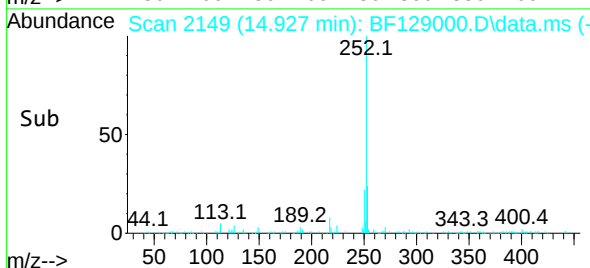
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

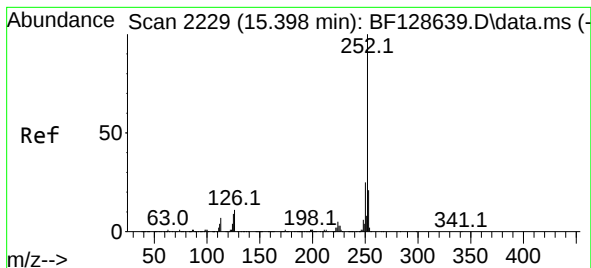


#88
Benzo(b)fluoranthene
Concen: 4.401 ng m
RT: 14.927 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27



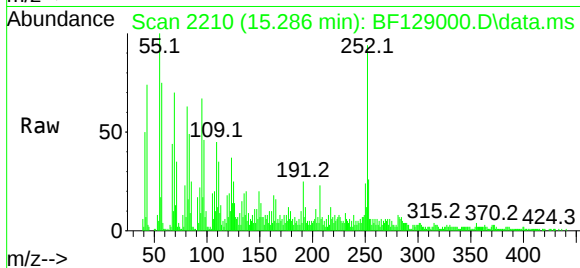
Tgt Ion:252 Resp: 39058
Ion Ratio Lower Upper
252 100
253 28.9 17.7 26.5#
125 22.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 4.299 ng
RT: 15.286 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27

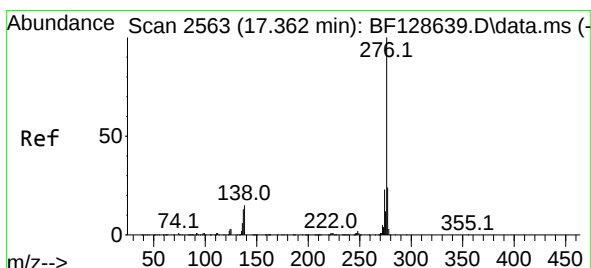
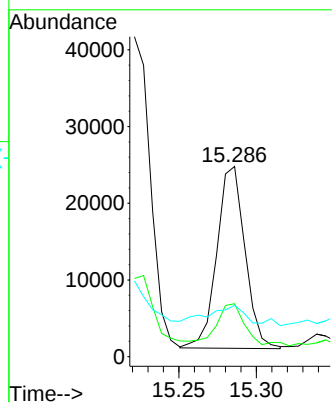
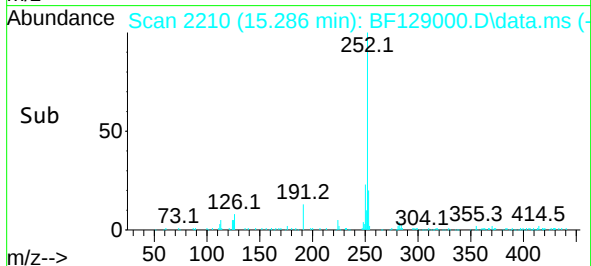
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-3



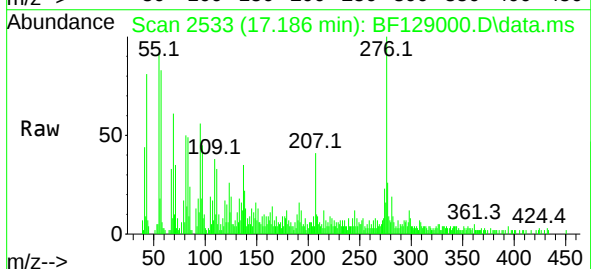
Tgt Ion:252 Resp: 2998
Ion Ratio Lower Upper
252 100
253 27.8 17.0 25.6
125 27.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#92
Benzo(g,h,i)perylene
Concen: 3.023 ng
RT: 17.186 min Scan# 2533
Delta R.T. 0.017 min
Lab File: BF129000.D
Acq: 24 Jun 2022 20:27



Tgt Ion:276 Resp: 20805
Ion Ratio Lower Upper
276 100
277 25.7 19.1 28.7
138 22.5 18.0 27.0

