

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128708.D
 Acq On : 06 Jun 2022 20:56
 Operator : CG\JU
 Sample : N3206-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060322

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 02:43:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	49949	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	158008	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	83477	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	168728	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	140690	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	104124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	254960	81.305	ng	0.00
7) Phenol-d6	6.492	99	289978	75.755	ng	0.00
23) Nitrobenzene-d5	7.386	82	200231	59.000	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	84827	86.003	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	304374	51.076	ng	-0.01
79) Terphenyl-d14	12.939	244	392348	48.458	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.410	166	10954m	2.063	ng	
71) Phenanthrene	11.374	178	111482	13.173	ng	98
72) Anthracene	11.422	178	39893	4.762	ng	97
75) Fluoranthene	12.563	202	233094	26.349	ng	97
78) Pyrene	12.798	202	257153	24.567	ng	97
81) Benzo(a)anthracene	13.986	228	119865	13.668	ng	93
83) Chrysene	14.021	228	100681	12.042	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	41341	6.587	ng	# 88
88) Benzo(b)fluoranthene	15.039	252	108419m	16.295	ng	
89) Benzo(k)fluoranthene	15.062	252	31350m	5.009	ng	
90) Benzo(a)pyrene	15.404	252	77692	14.857	ng	97
91) Dibenzo(a,h)anthracene	16.939	278	11135	2.139	ng	# 71
92) Benzo(g,h,i)perylene	17.368	276	41095	7.965	ng	95

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

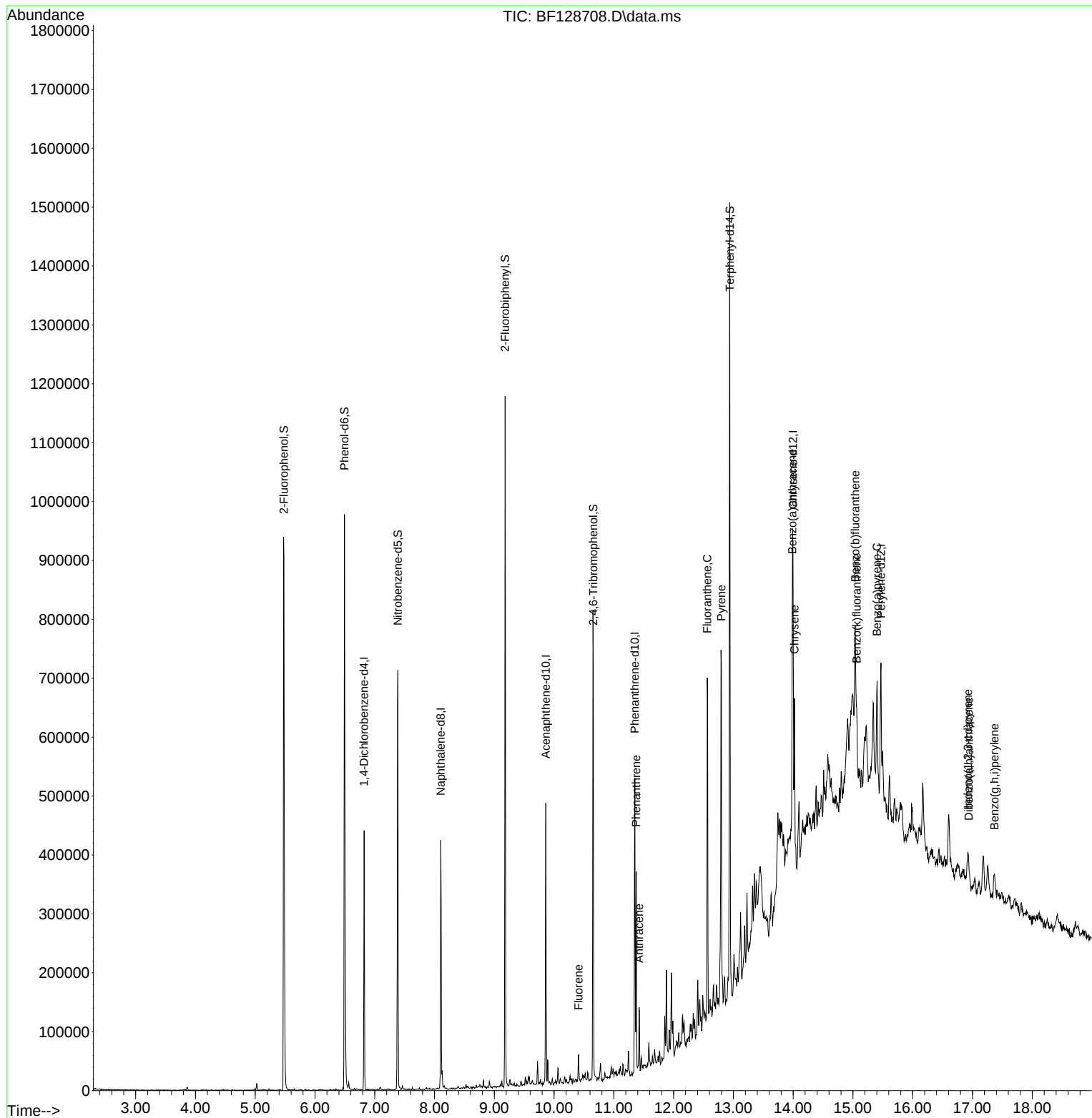
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128708.D
Acq On : 06 Jun 2022 20:56
Operator : CG\JU
Sample : N3206-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

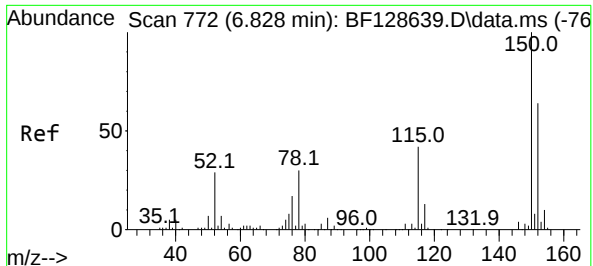
Instrument :
BNA_F
ClientSampleId :
CL-01-060322

Quant Time: Jun 07 02:43:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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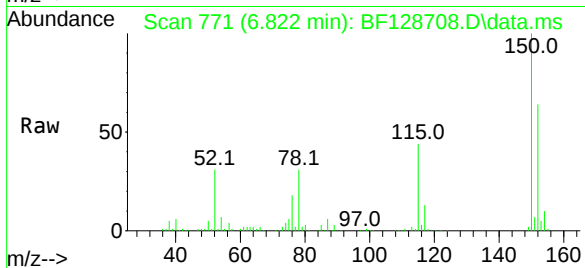
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322

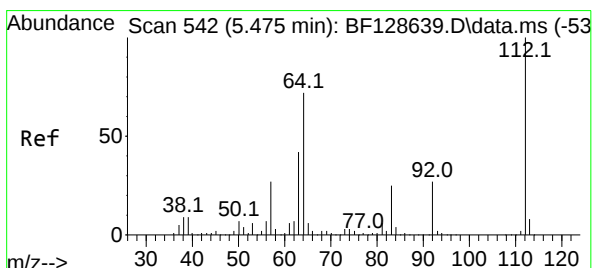
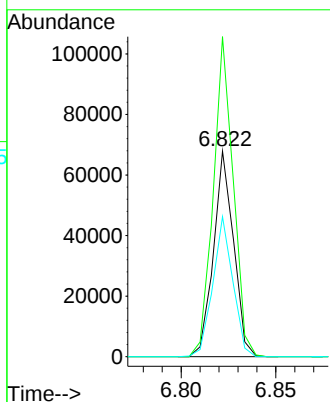
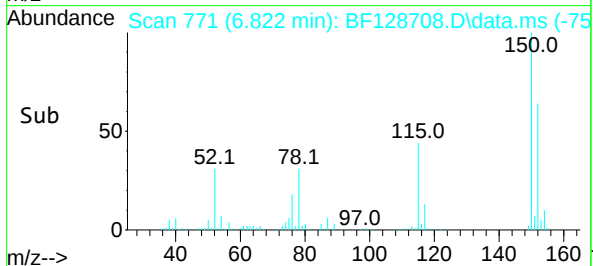


Tgt Ion:152 Resp: 49949
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 68.1 49.9 74.9

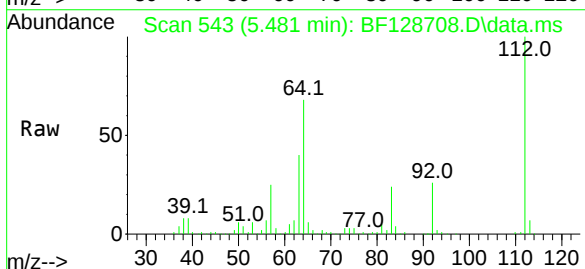
Manual Integrations

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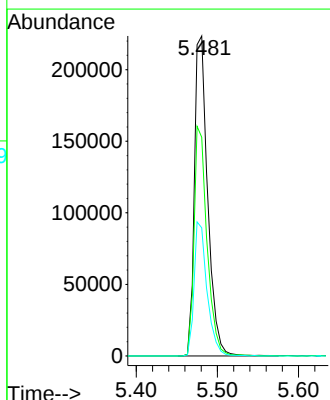
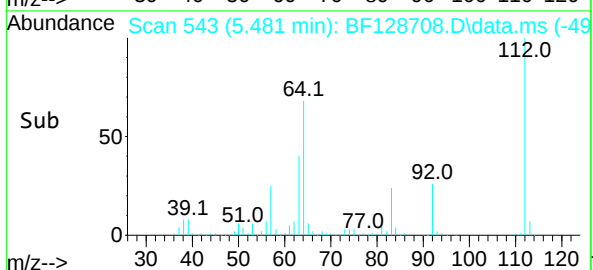
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

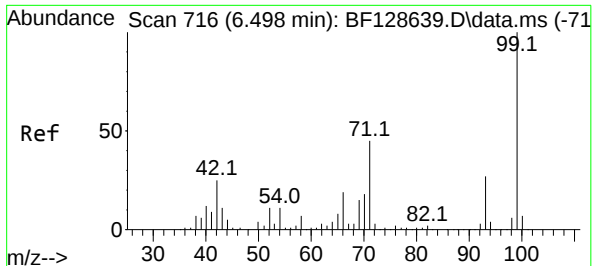


#5
2-Fluorophenol
Concen: 81.305 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



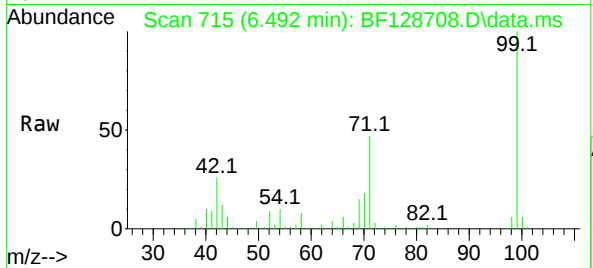
Tgt Ion:112 Resp: 254960
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 40.0 28.0 42.0





#7
Phenol-d6
Concen: 75.755 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

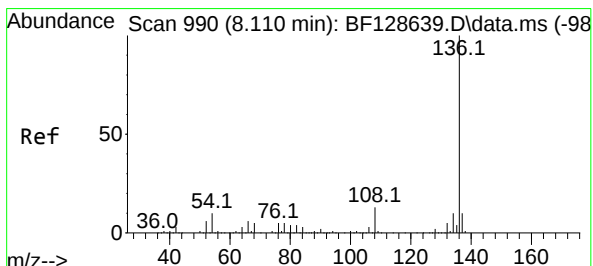
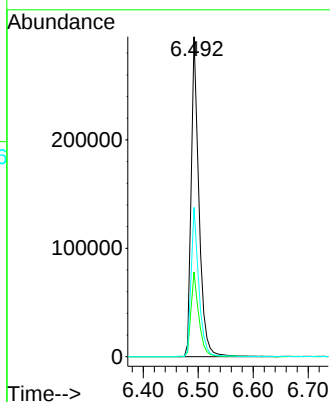
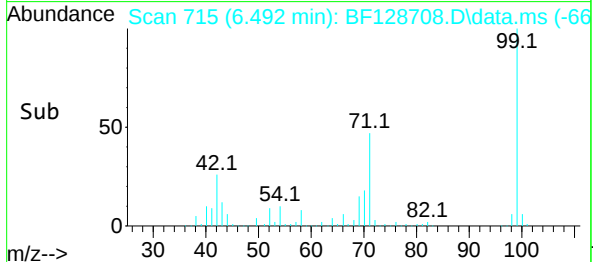
Instrument :
BNA_F
ClientSampleId :
CL-01-060322



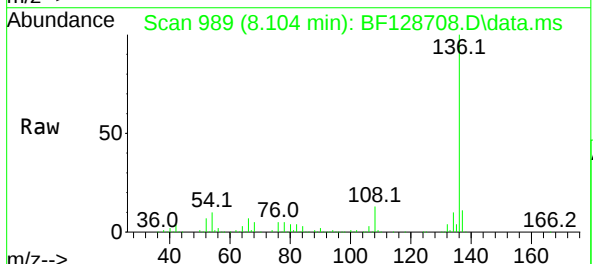
Tgt Ion: 99 Resp: 289978
Ion Ratio Lower Upper
99 100
42 26.5 17.3 25.9
71 46.7 28.9 43.3

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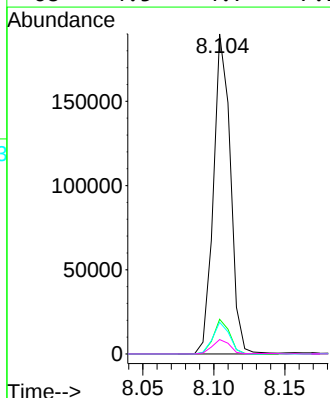
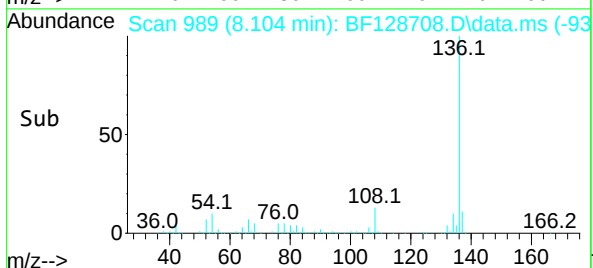
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



Tgt Ion:136 Resp: 158008
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.9 7.5 11.3
68 4.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 59.000 ng

RT: 7.386 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128708.D

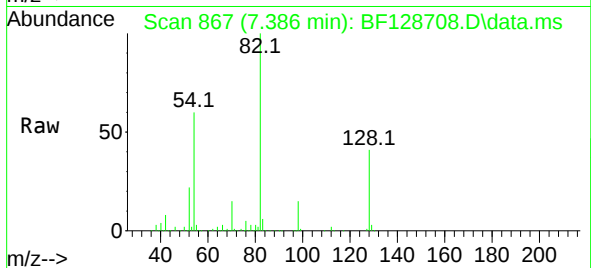
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322



Tgt Ion: 82 Resp: 20023

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

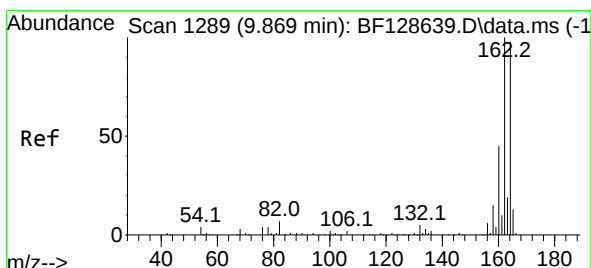
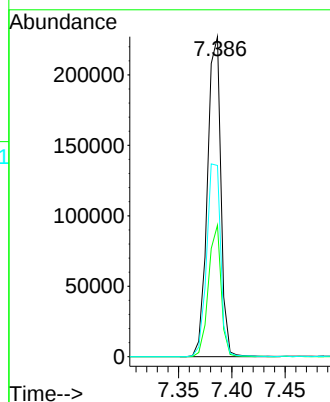
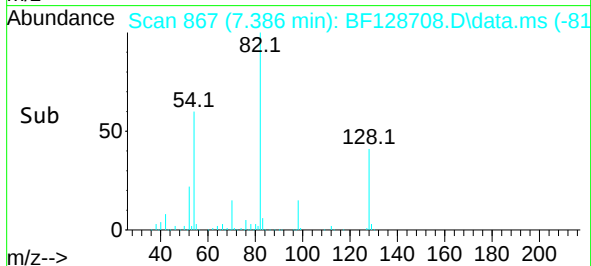
54 59.7 46.9 70.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128708.D

Acq: 06 Jun 2022 20:56

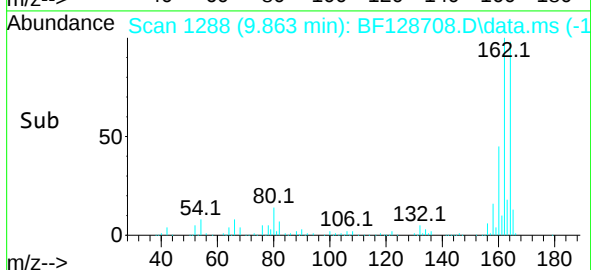
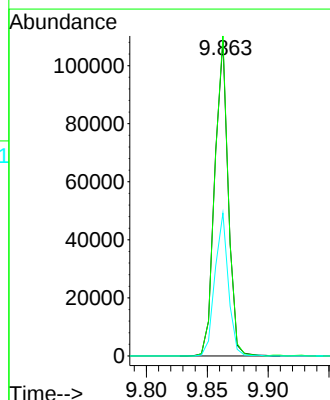
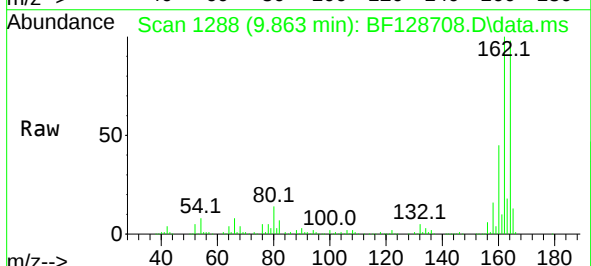
Tgt Ion:164 Resp: 83477

Ion Ratio Lower Upper

164 100

162 101.5 79.5 119.3

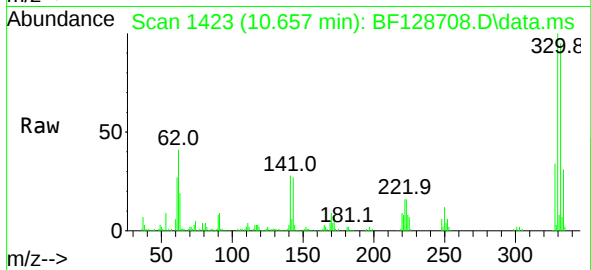
160 45.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 86.003 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

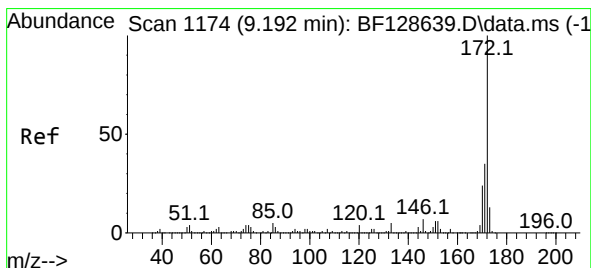
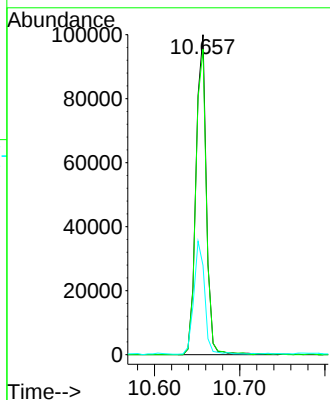
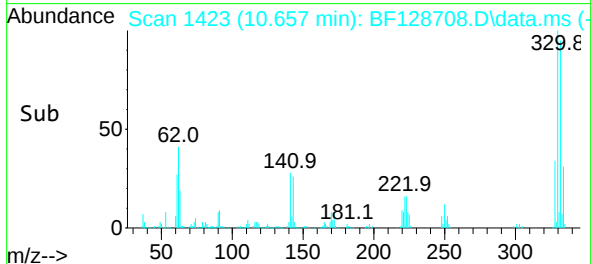
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BNA_F
ClientSampleId :
CL-01-060322



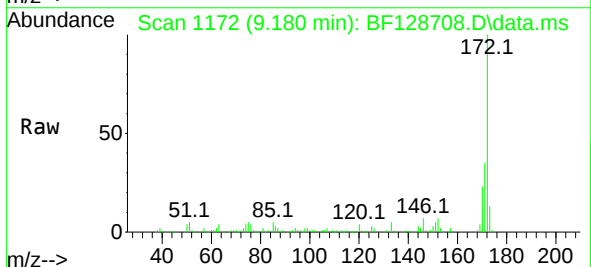
Tgt Ion: 330 Resp: 8482
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 36.6 28.0 42.0

Manual Integrations
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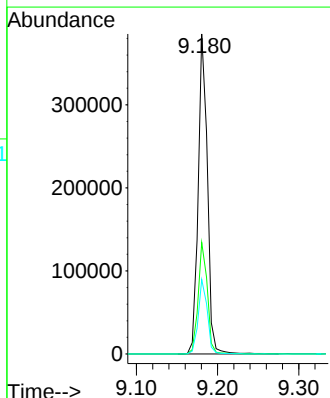
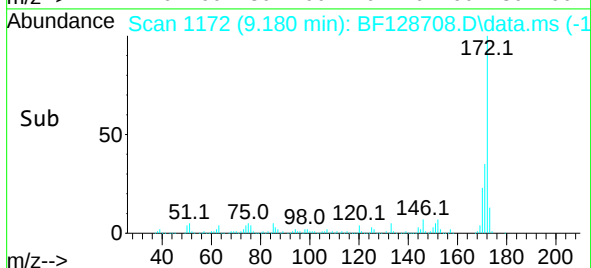
Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022

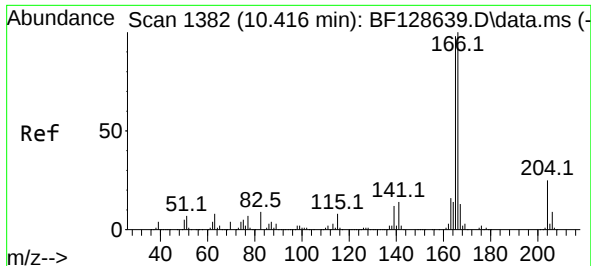


#45
2-Fluorobiphenyl
Concen: 51.076 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



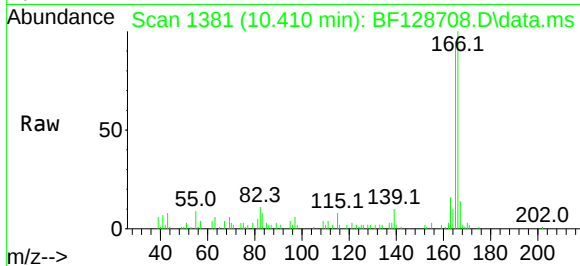
Tgt Ion: 172 Resp: 304374
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.2 19.8 29.8





#58
Fluorene
Concen: 2.063 ng m
RT: 10.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

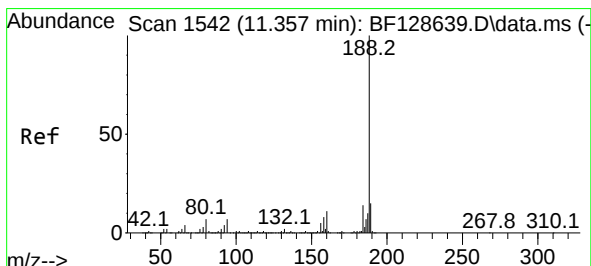
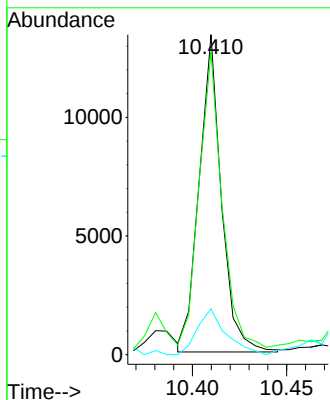
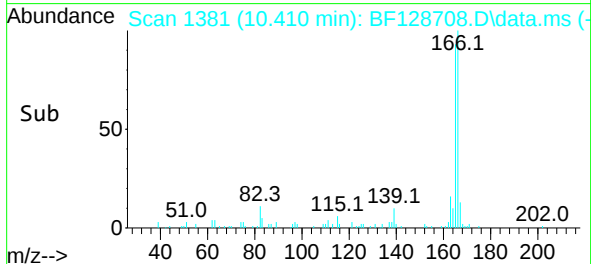
Instrument :
BNA_F
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CL-01-060322



Tgt Ion:166 Resp: 10954
Ion Ratio Lower Upper
166 100
165 94.6 78.1 117.1
167 14.4 10.5 15.7

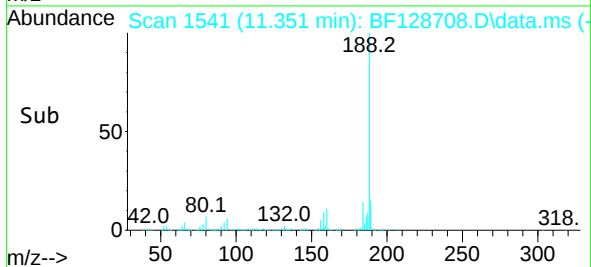
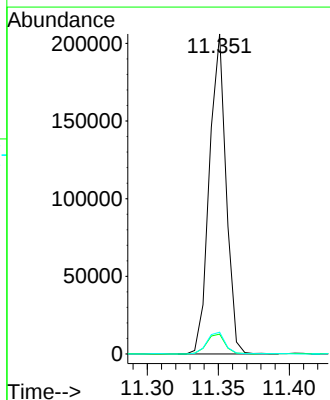
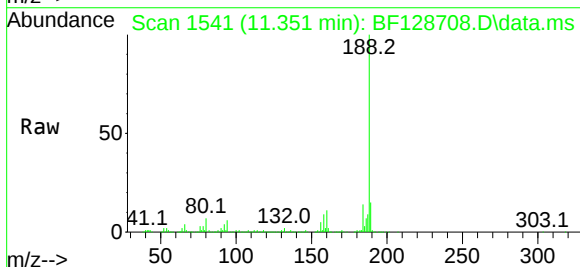
Manual Integrations
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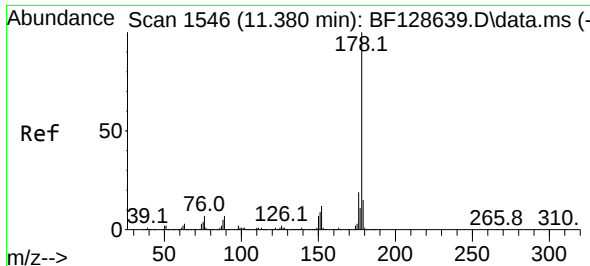
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

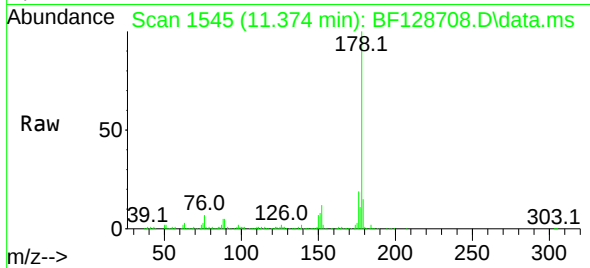
Tgt Ion:188 Resp: 168728
Ion Ratio Lower Upper
188 100
94 6.2 7.0 10.6#
80 6.8 7.6 11.4#





#71
Phenanthrene
Concen: 13.173 ng
RT: 11.374 min Scan# 11148
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

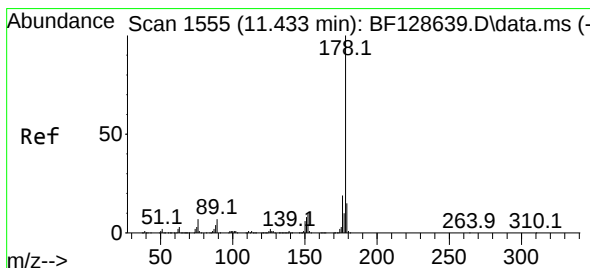
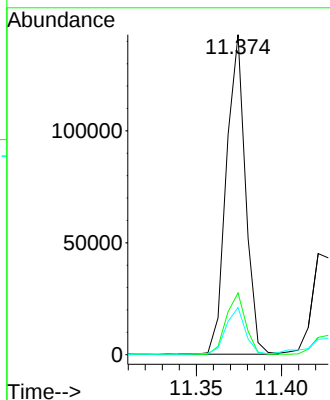
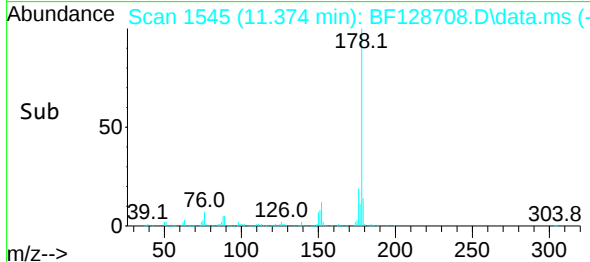
Instrument :
BNA_F
ClientSampleId :
CL-01-060322



Tgt Ion:178 Resp: 11148
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.8 12.6 19.0

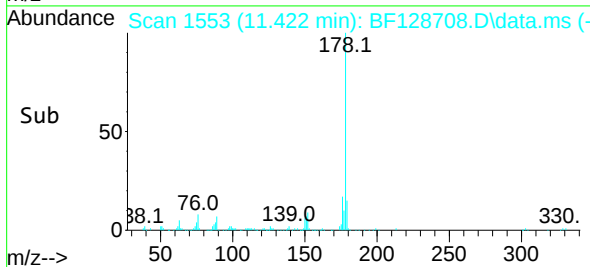
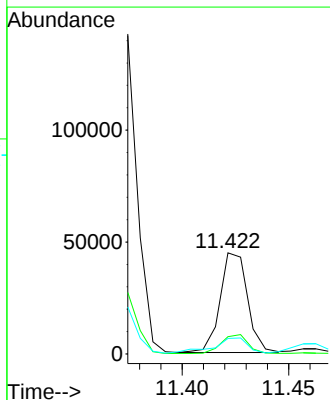
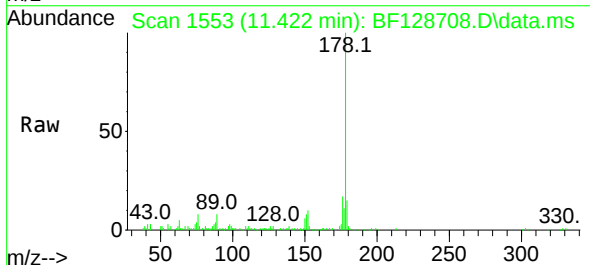
Manual Integrations
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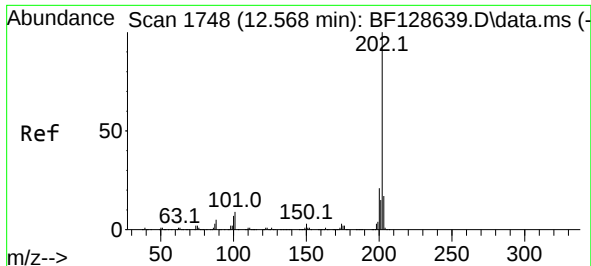
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#72
Anthracene
Concen: 4.762 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Tgt Ion:178 Resp: 39893
Ion Ratio Lower Upper
178 100
176 17.1 15.4 23.2
179 15.4 12.6 19.0





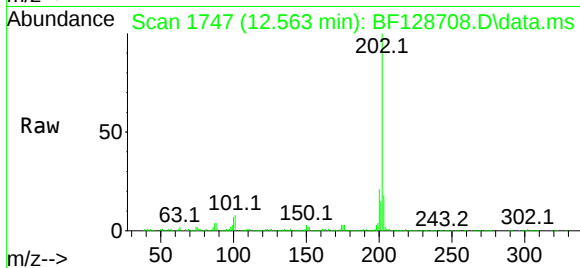
#75
Fluoranthene
Concen: 26.349 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322

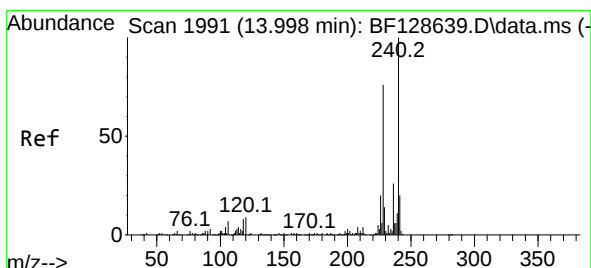
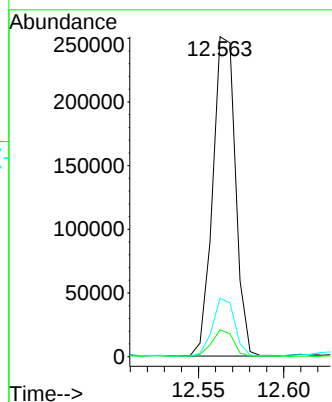
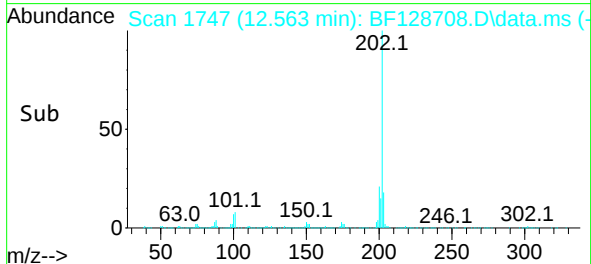


Tgt Ion:202 Resp: 233094
Ion Ratio Lower Upper
202 100
101 8.3 0.0 31.4
203 18.2 0.0 38.0

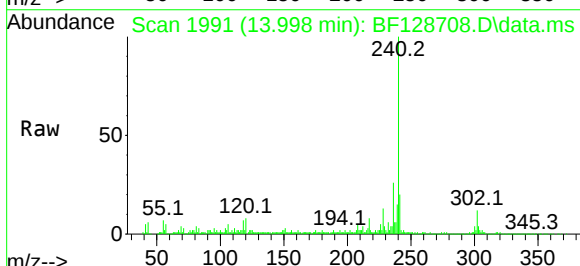
Manual Integrations

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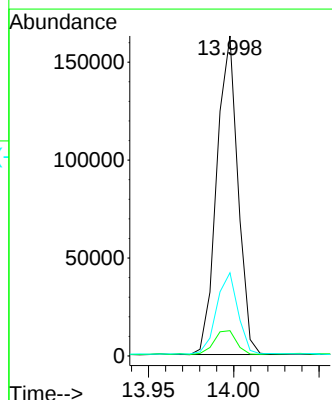
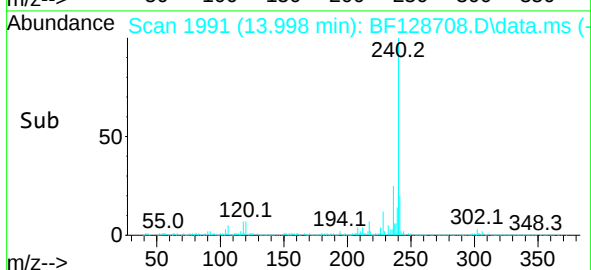
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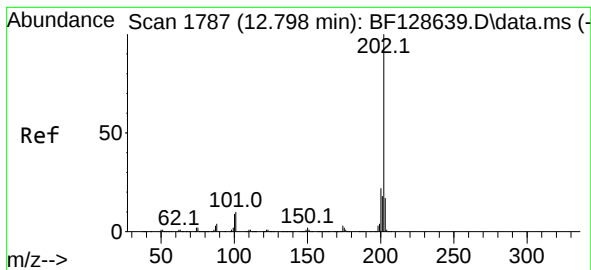


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



Tgt Ion:240 Resp: 140690
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 26.0 20.8 31.2





#78

Pyrene

Concen: 24.567 ng

RT: 12.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128708.D

Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

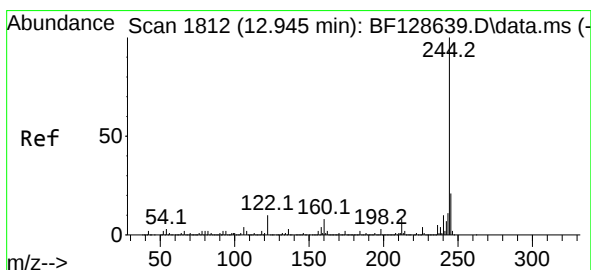
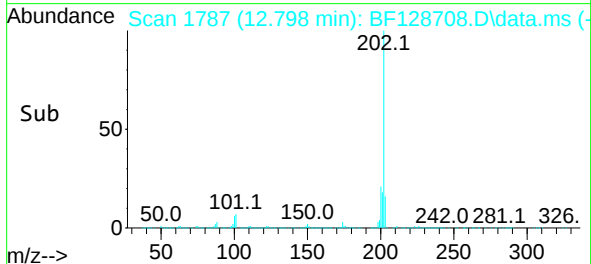
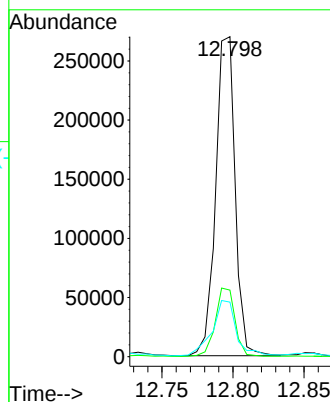
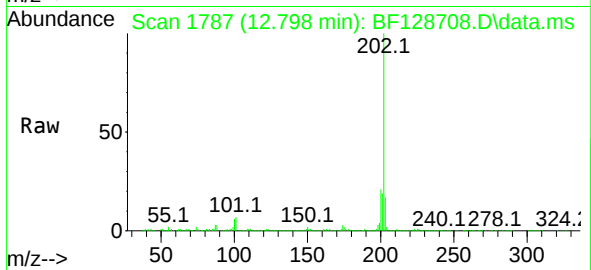
CL-01-060322

Tgt Ion:202 Resp: 25715
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.7 26.5
 203 17.1 14.6 21.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022



#79

Terphenyl-d14

Concen: 48.458 ng

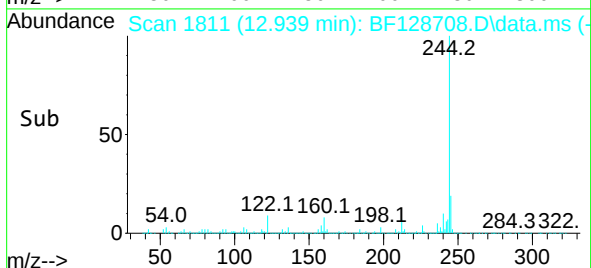
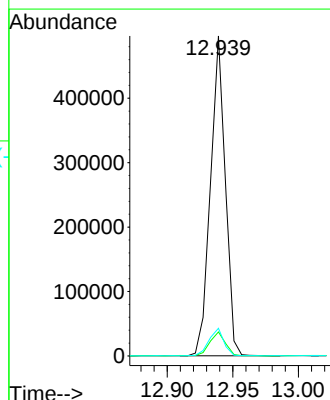
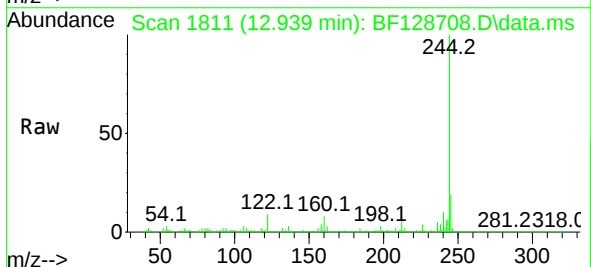
RT: 12.939 min Scan# 1811

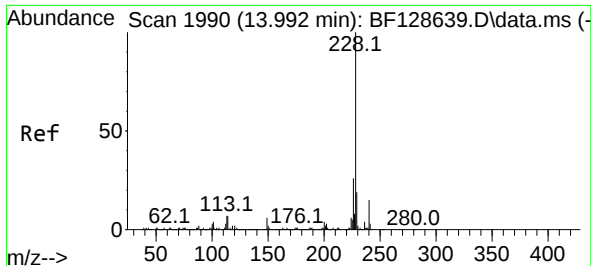
Delta R.T. -0.006 min

Lab File: BF128708.D

Acq: 06 Jun 2022 20:56

Tgt Ion:244 Resp: 392348
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.7 8.8 13.2#





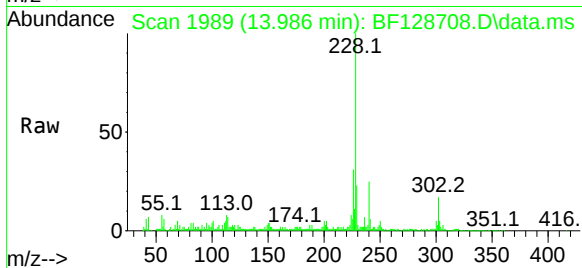
#81
Benzo(a)anthracene
Concen: 13.668 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322

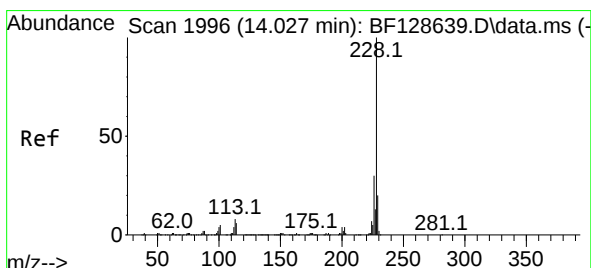
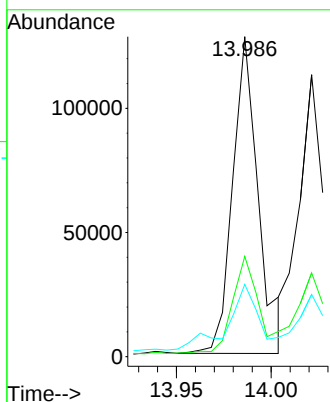
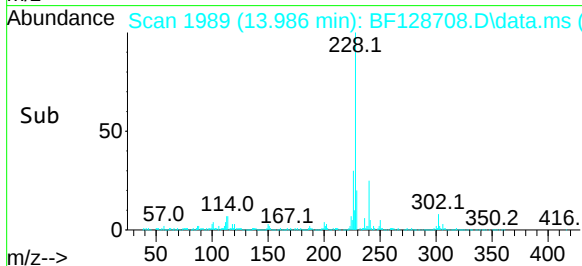


Tgt Ion:228 Resp: 11986
Ion Ratio Lower Upper
228 100
226 31.4 22.1 33.1
229 22.6 15.8 23.8

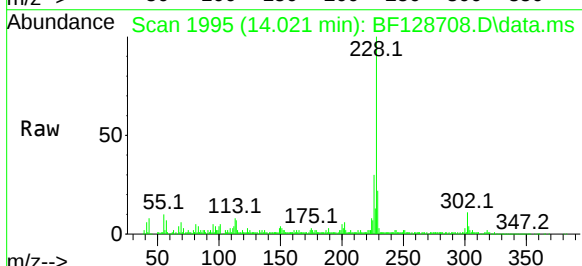
Manual Integrations

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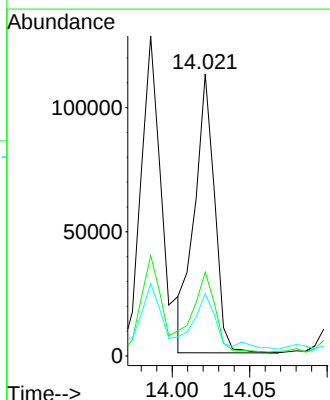
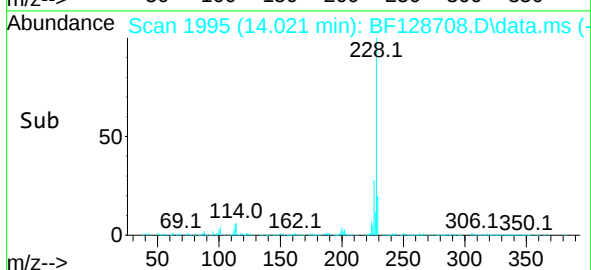
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

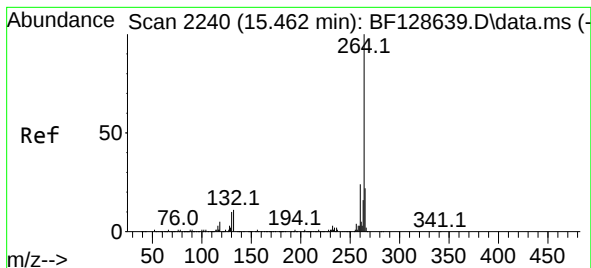


#83
Chrysene
Concen: 12.042 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



Tgt Ion:228 Resp: 100681
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.1 15.9 23.9





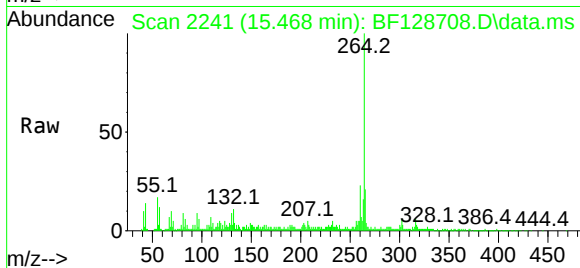
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322

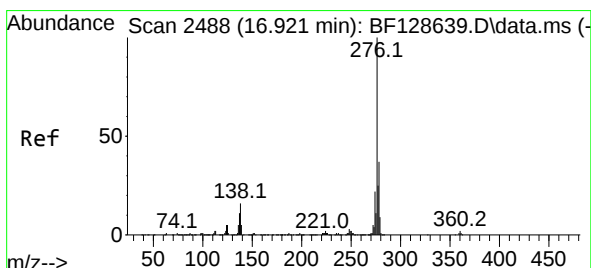
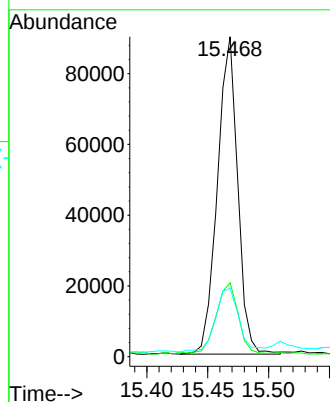
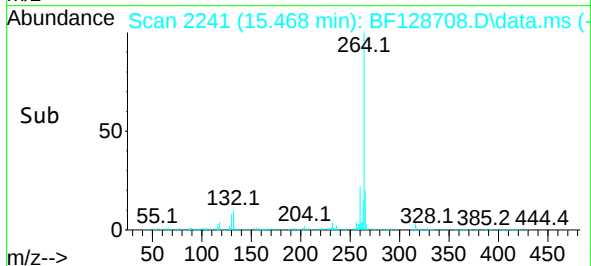


Tgt Ion:264 Resp: 104124
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.4 17.2 25.8

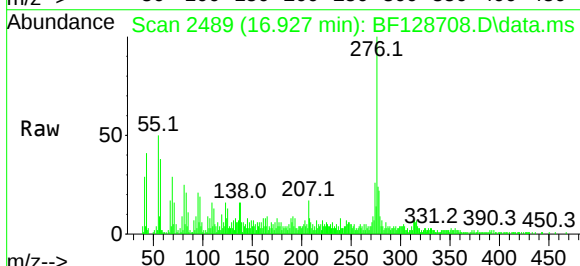
Manual Integrations

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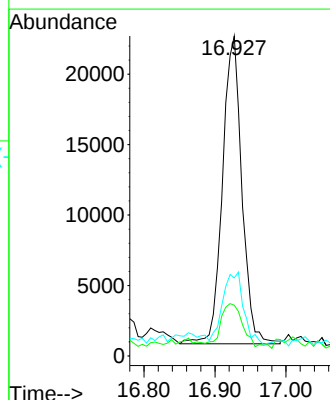
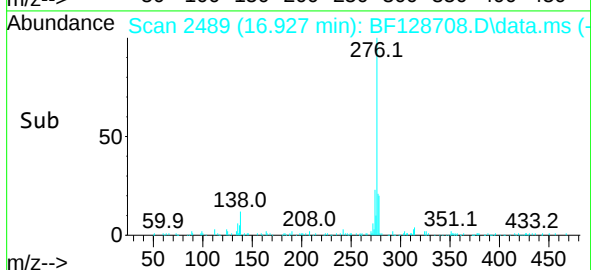
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

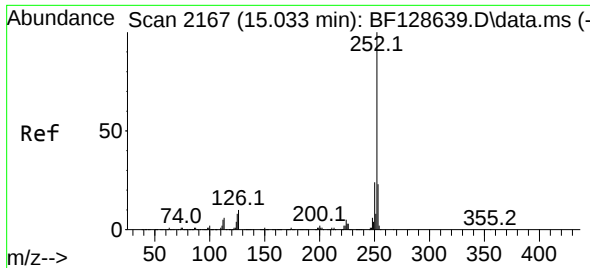


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.587 ng
RT: 16.927 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



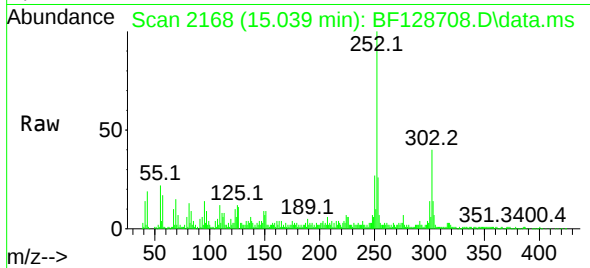
Tgt Ion:276 Resp: 41341
Ion Ratio Lower Upper
276 100
138 14.6 21.1 31.7#
277 25.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 16.295 ng m
RT: 15.039 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

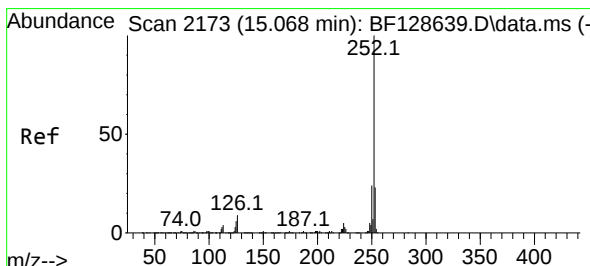
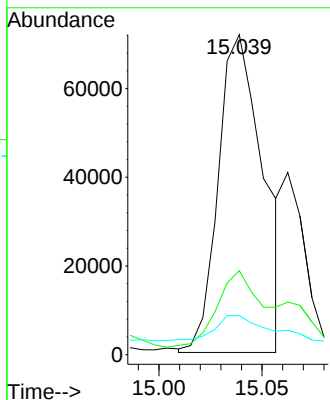
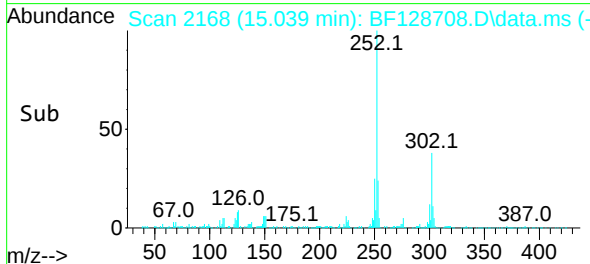
Instrument :
BNA_F
ClientSampleId :
CL-01-060322



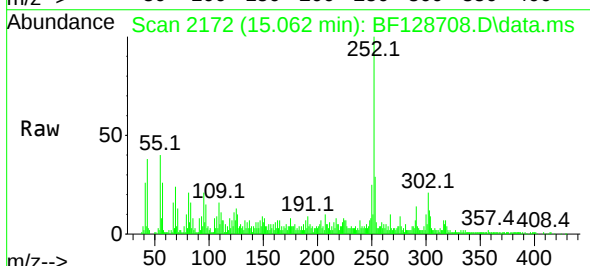
Tgt Ion:252 Resp: 108419
Ion Ratio Lower Upper
252 100
253 26.3 17.7 26.5
125 12.2 8.0 12.0

Manual Integrations
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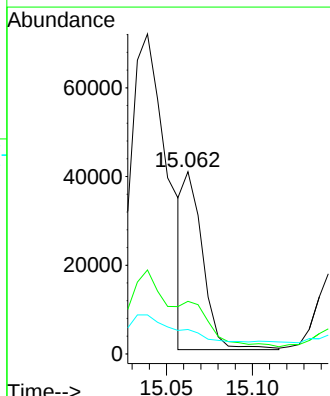
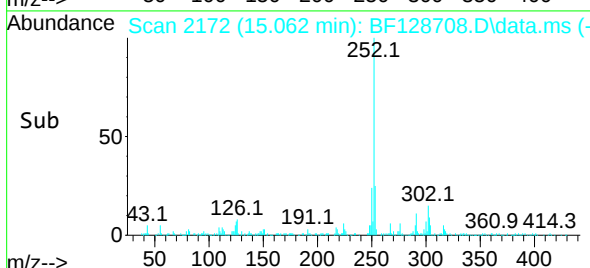
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

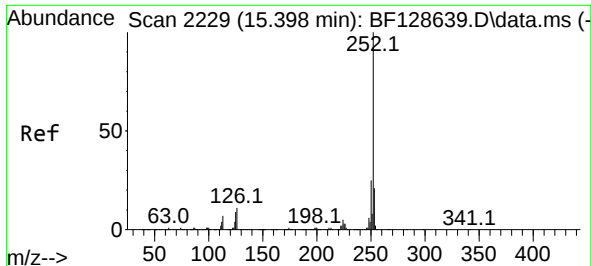


#89
Benzo(k)fluoranthene
Concen: 5.009 ng m
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56



Tgt Ion:252 Resp: 31350
Ion Ratio Lower Upper
252 100
253 28.9 17.8 26.6#
125 13.5 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 14.857 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

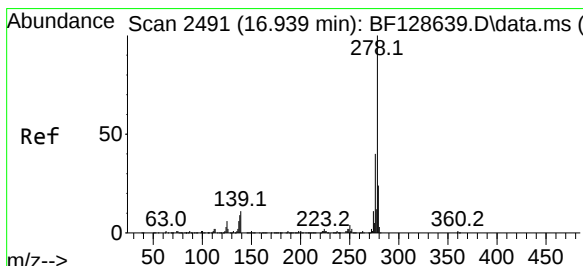
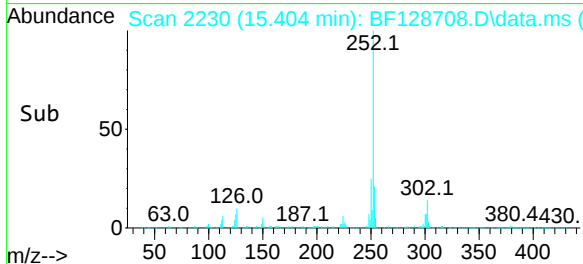
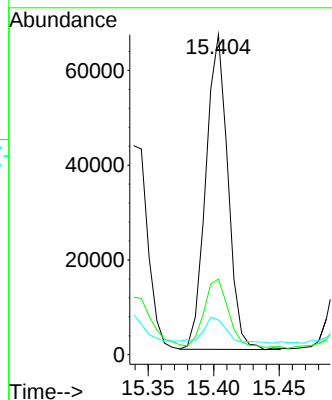
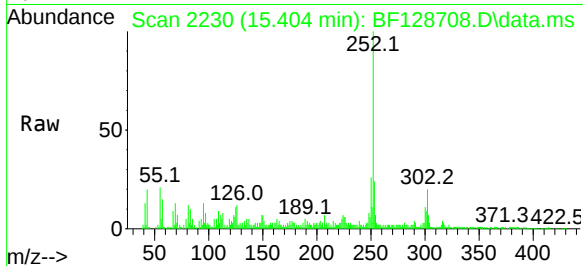
ClientSampleId :

CL-01-060322

Tgt Ion:252 Resp: 77692
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 10.9 8.8 13.2

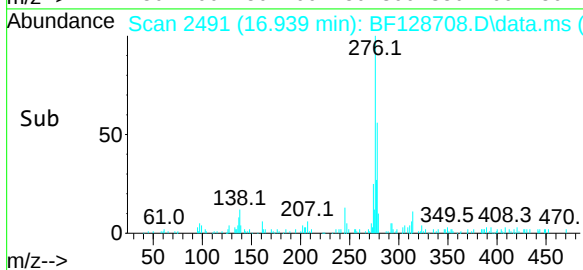
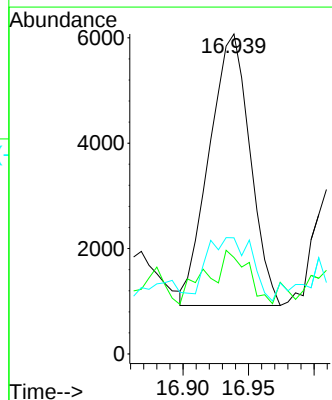
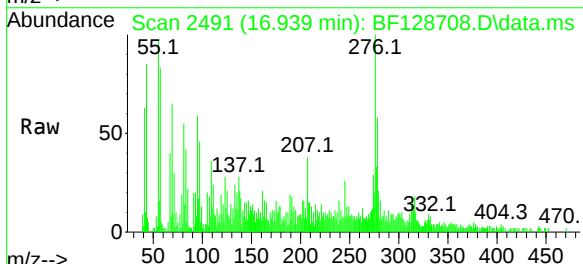
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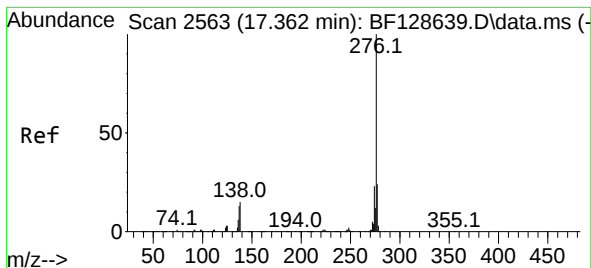
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#91
Dibenzo(a,h)anthracene
Concen: 2.139 ng
RT: 16.939 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BF128708.D
Acq: 06 Jun 2022 20:56

Tgt Ion:278 Resp: 11135
Ion Ratio Lower Upper
278 100
139 30.1 12.8 19.2#
279 36.3 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 7.965 ng

RT: 17.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128708.D

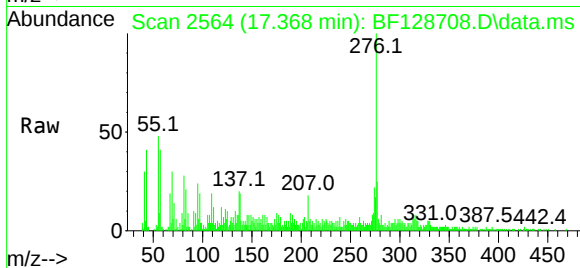
Acq: 06 Jun 2022 20:56

Instrument :

BNA_F

ClientSampleId :

CL-01-060322



Tgt Ion:276 Resp: 4109

Ion Ratio Lower Upper

276 100

277 24.7 19.1 28.7

138 18.5 18.0 27.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022

