

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128666.D
 Acq On : 03 Jun 2022 05:07
 Operator : CG\JU
 Sample : N3104-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 05:32:31 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	111323	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	407194	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	209449	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	321659	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	188673	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	186395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	624842	89.404	ng	0.00
7) Phenol-d6	6.486	99	781353	91.587	ng	-0.01
23) Nitrobenzene-d5	7.386	82	574995	65.745	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	205110	82.881	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	998915	66.808	ng	0.00
79) Terphenyl-d14	12.939	244	680668	62.688	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.374	178	70786	4.387	ng	99
75) Fluoranthene	12.563	202	111976	6.640	ng	95
78) Pyrene	12.792	202	101592	7.237	ng	98
81) Benzo(a)anthracene	13.980	228	48878	4.156	ng	97
83) Chrysene	14.015	228	44764	3.992	ng	98
87) Indeno(1,2,3-cd)pyrene	16.903	276	24186	2.153	ng	# 88
88) Benzo(b)fluoranthene	15.027	252	59295m	4.978	ng	
90) Benzo(a)pyrene	15.392	252	38416m	4.104	ng	
92) Benzo(g,h,i)perylene	17.339	276	20782	2.250	ng	# 91

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

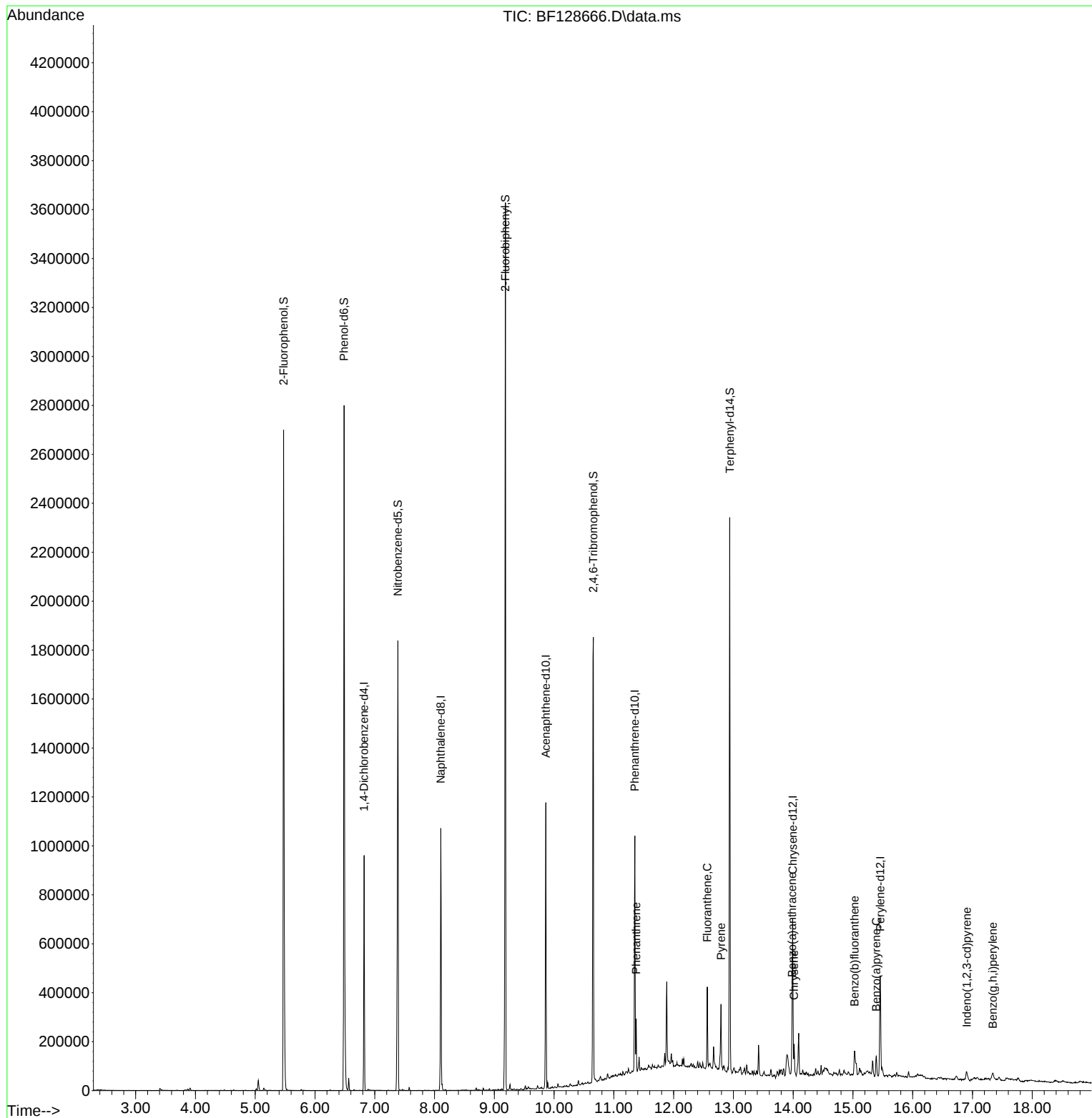
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128666.D
Acq On : 03 Jun 2022 05:07
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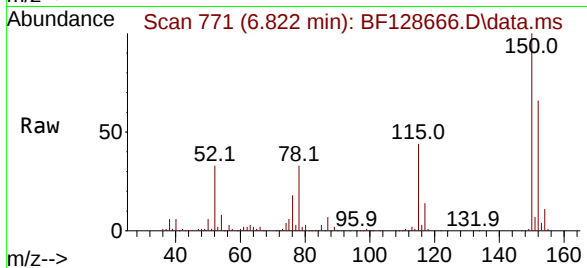
Reviewed By : Christian Giraldo 06/03/2022
Supervised By : Jagrut Upadhyay 06/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

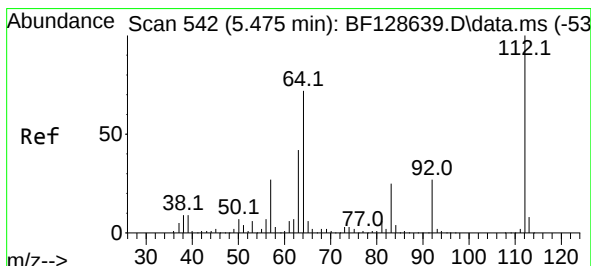
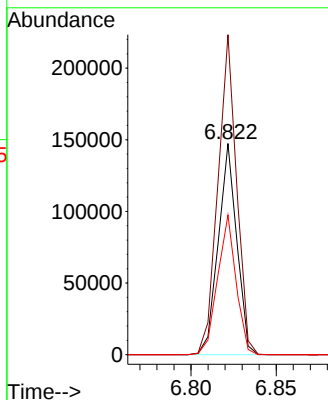
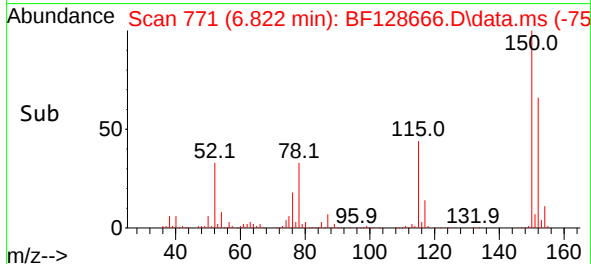
Instrument :
BNA_F
ClientSampleId :
WC-7



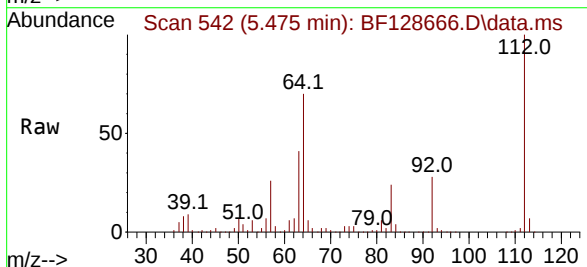
Tgt Ion:152 Resp: 11132
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 66.1 49.9 74.9

Manual Integrations
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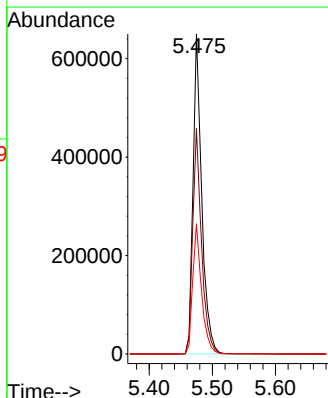
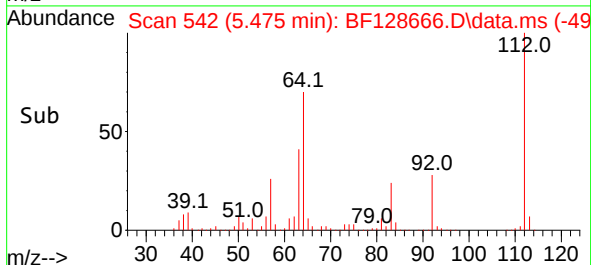
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#5
2-Fluorophenol
Concen: 89.404 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07



Tgt Ion:112 Resp: 624842
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 40.7 28.0 42.0





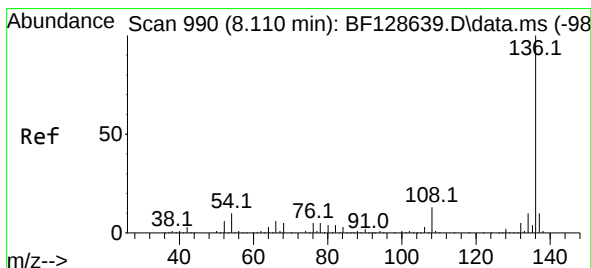
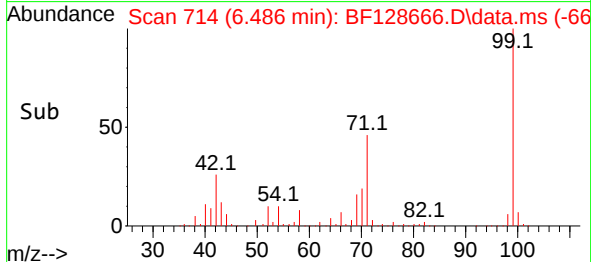
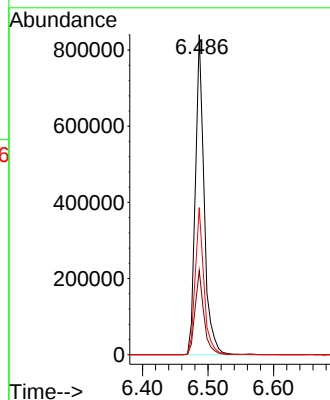
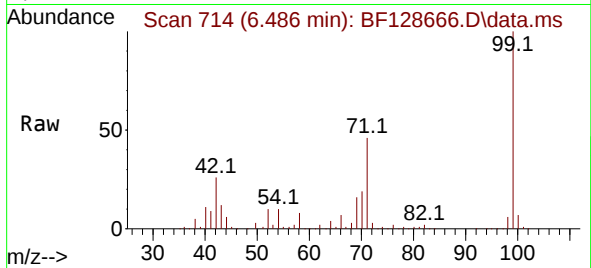
#7
Phenol-d6
Concen: 91.587 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion: 99 Resp: 78135
Ion Ratio Lower Upper
99 100
42 26.4 17.3 25.9
71 45.9 28.9 43.3

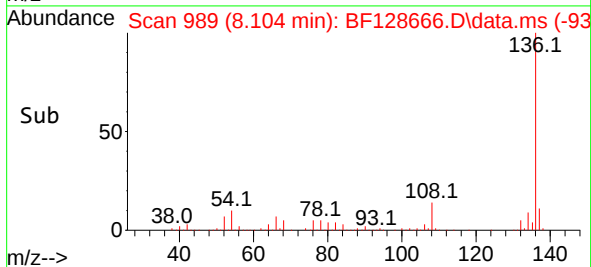
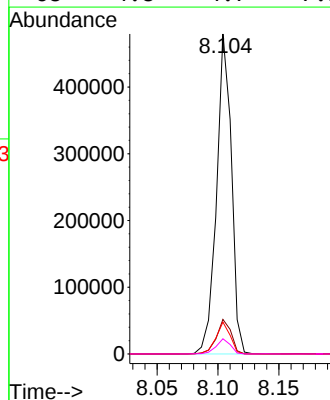
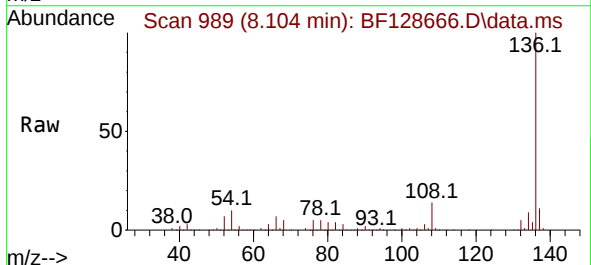
Manual Integrations
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Reviewed By :Christian Giraldo 06/03/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:136 Resp: 407194
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.0 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 65.745 ng

RT: 7.386 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

Tgt Ion: 82 Resp: 57499

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

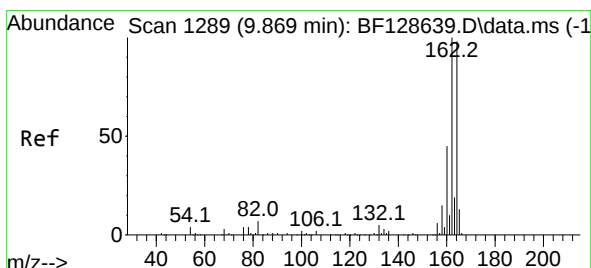
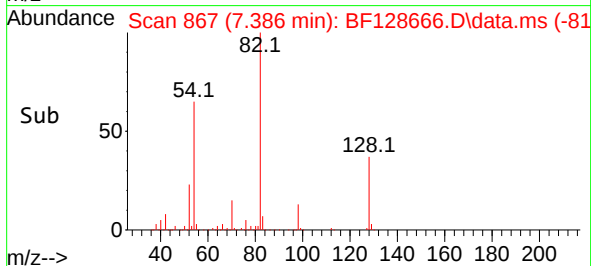
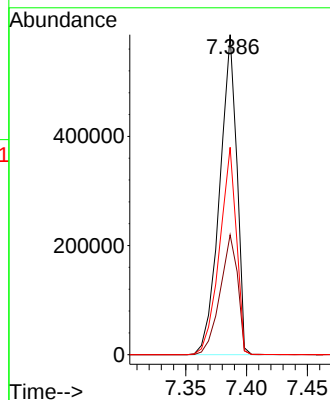
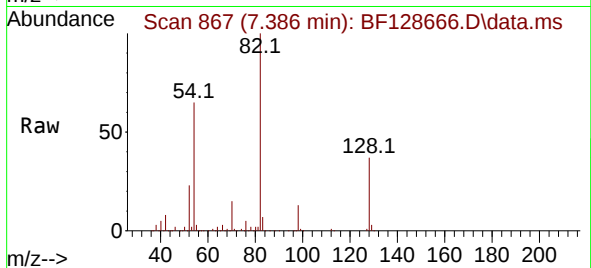
54 64.8 46.9 70.3

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Supervised By :Jagrut Upadhyay 06/03/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

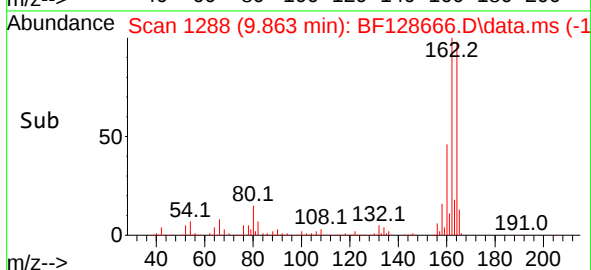
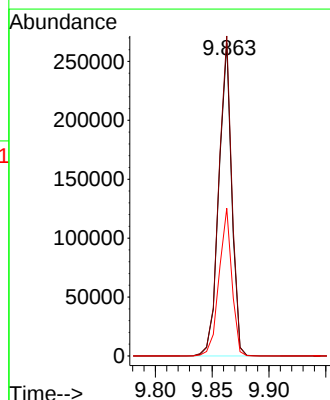
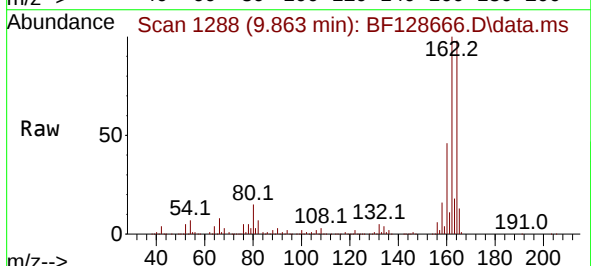
Tgt Ion:164 Resp: 209449

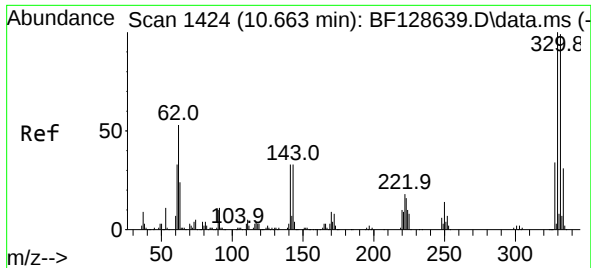
Ion Ratio Lower Upper

164 100

162 102.3 79.5 119.3

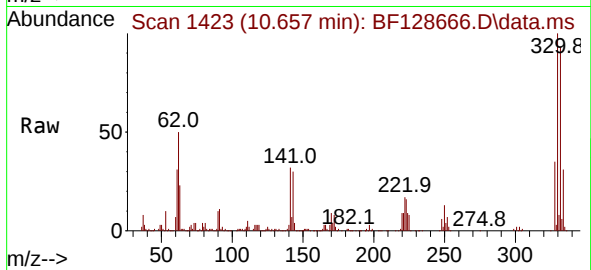
160 47.2 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 82.881 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

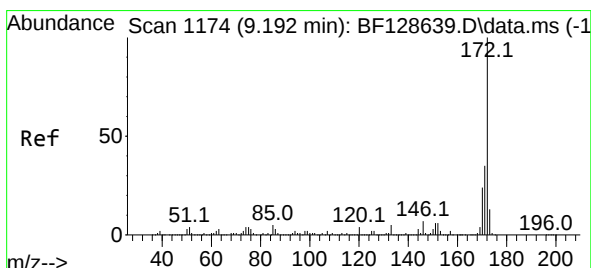
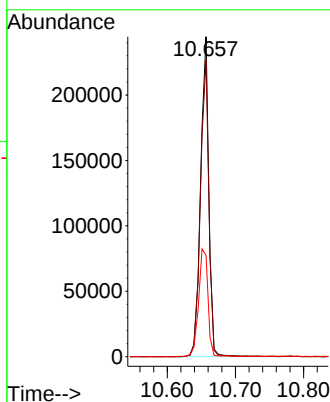
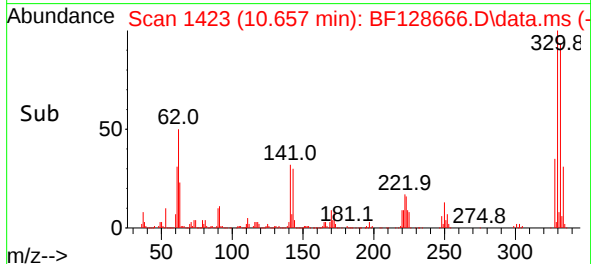
Instrument :
BNA_F
ClientSampleId :
WC-7



Tgt Ion: 330 Resp: 205110
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 38.5 28.0 42.0

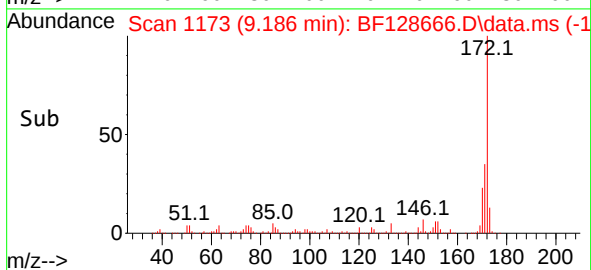
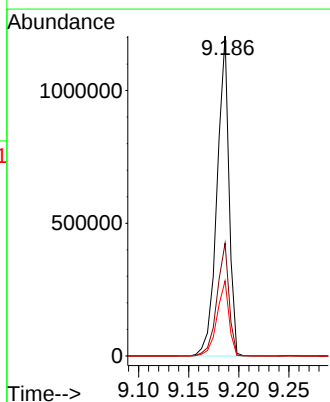
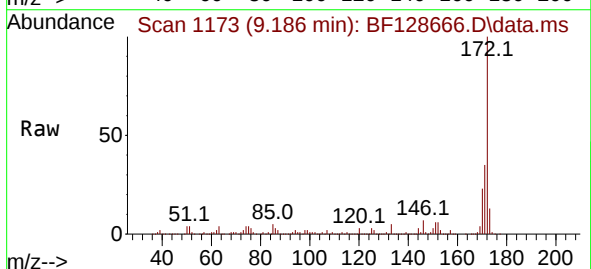
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Supervised By : Jagrut Upadhyay 06/03/2022



#45
2-Fluorobiphenyl
Concen: 66.808 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

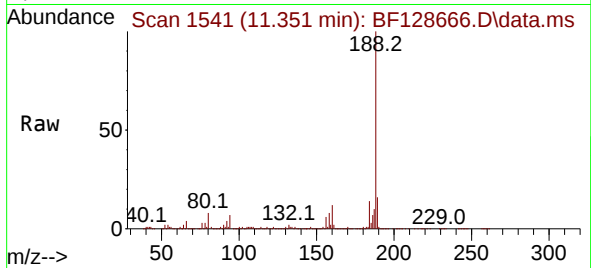
Tgt Ion: 172 Resp: 998915
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

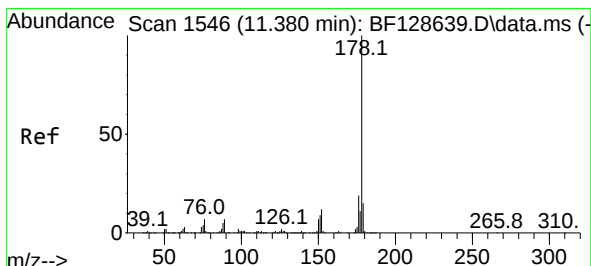
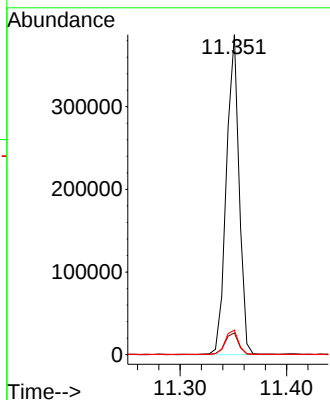
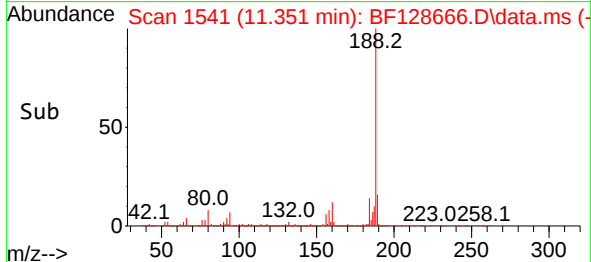
Instrument :
BNA_F
ClientSampleId :
WC-7



Tgt Ion:188 Resp: 321659
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6
80 7.7 7.6 11.4

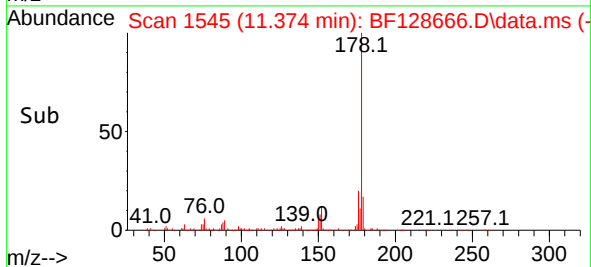
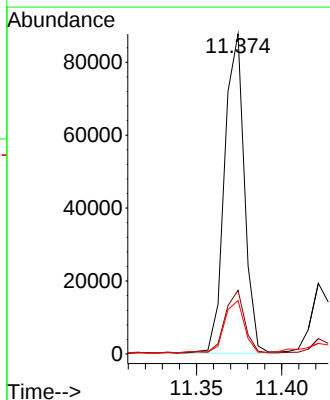
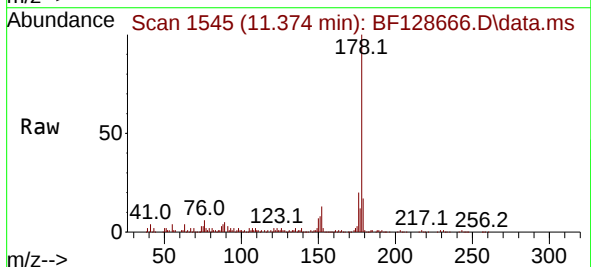
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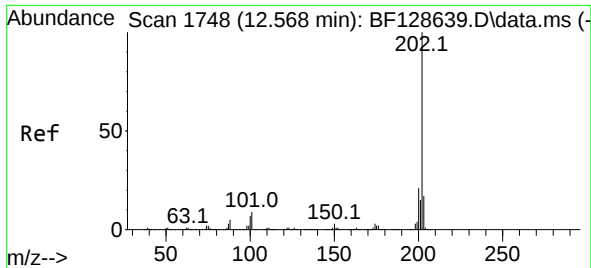
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#71
Phenanthrene
Concen: 4.387 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:178 Resp: 70786
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.7 12.6 19.0





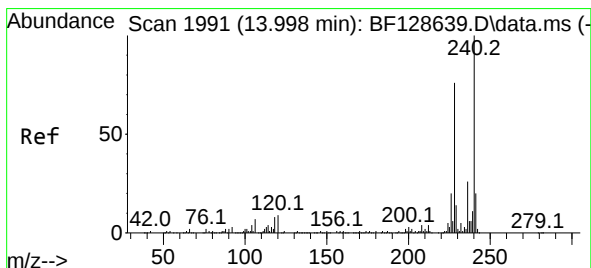
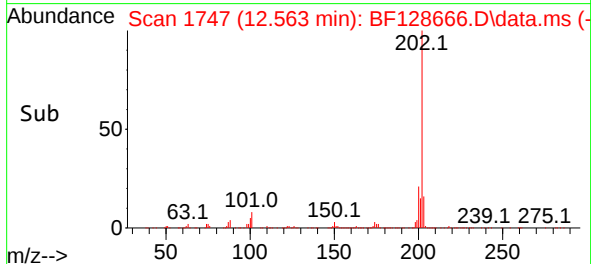
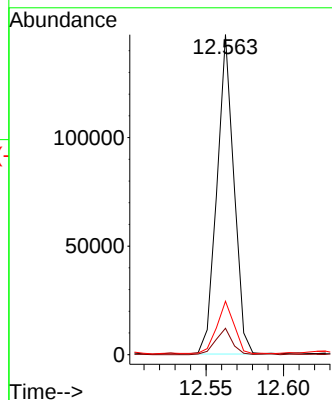
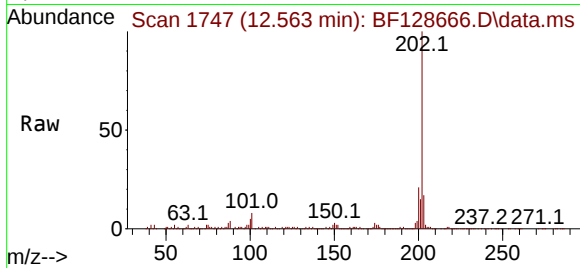
#75
Fluoranthene
Concen: 6.640 ng
RT: 12.563 min Scan# 111970
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion:202 Resp: 111970
Ion Ratio Lower Upper
202 100
101 8.3 0.0 31.4
203 16.7 0.0 38.0

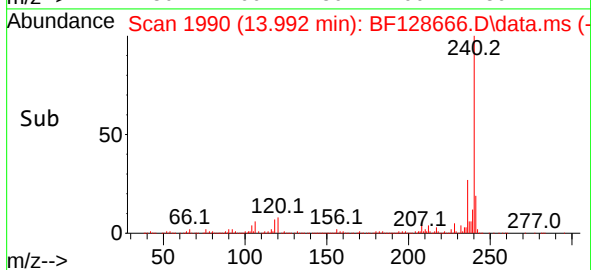
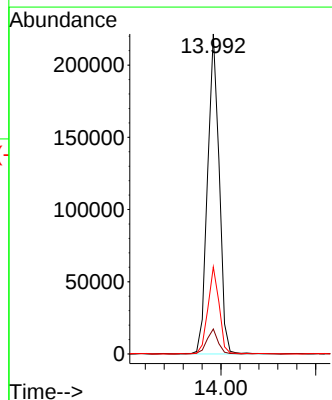
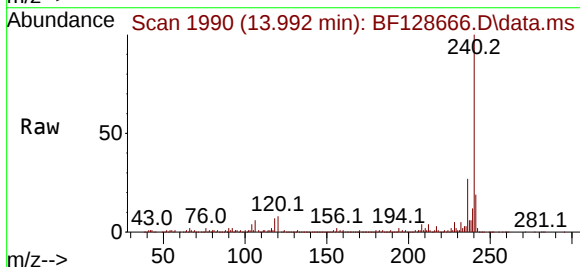
Manual Integrations
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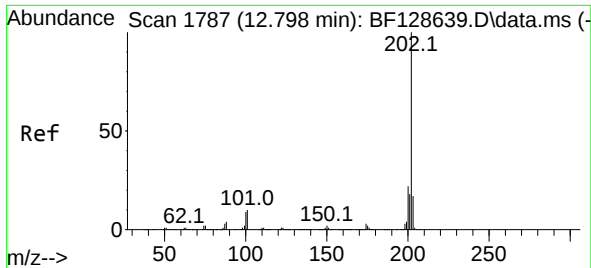
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

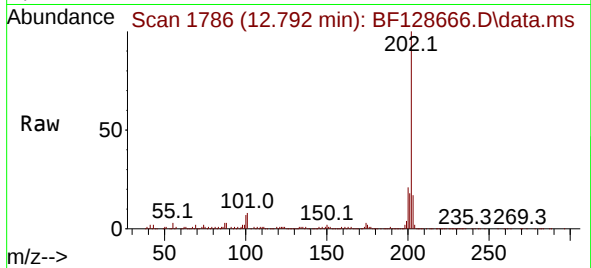
Tgt Ion:240 Resp: 188673
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 27.2 20.8 31.2





#78
Pyrene
Concen: 7.237 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

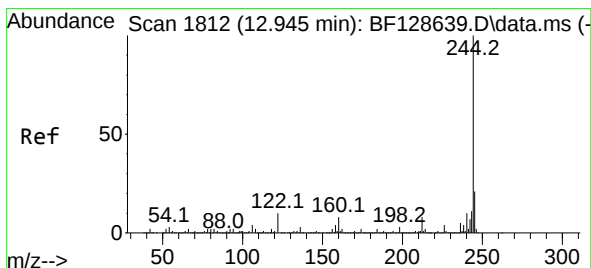
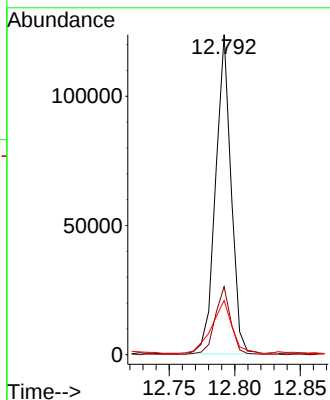
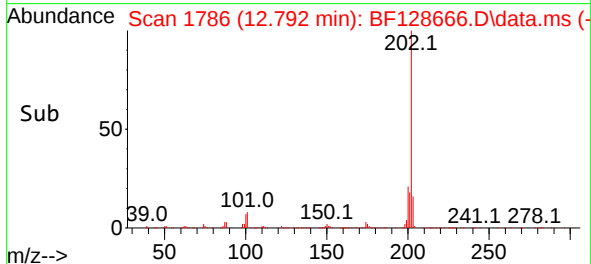
Instrument :
BNA_F
ClientSampleId :
WC-7



Tgt Ion:202 Resp: 101592
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 16.9 14.6 21.8

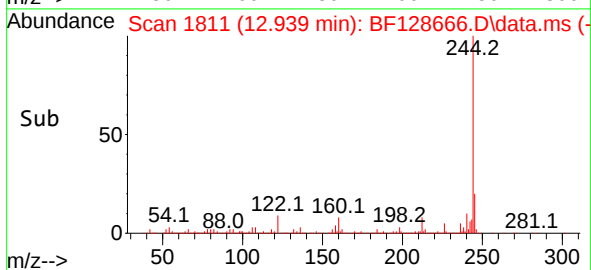
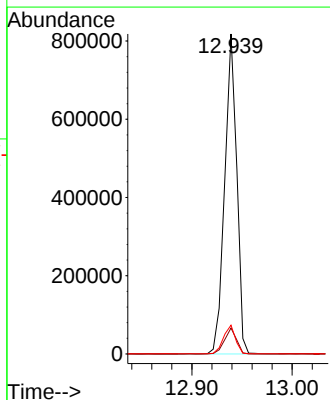
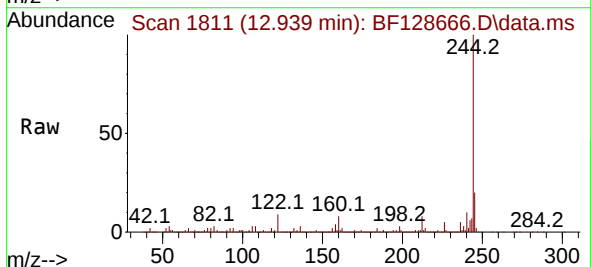
Manual Integrations
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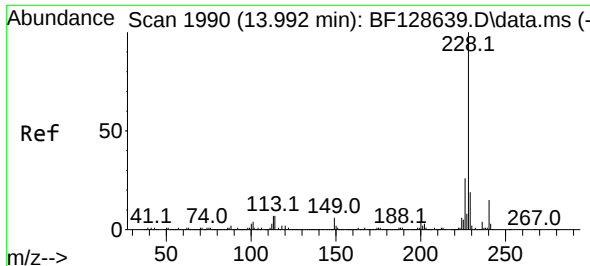
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#79
Terphenyl-d14
Concen: 62.688 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

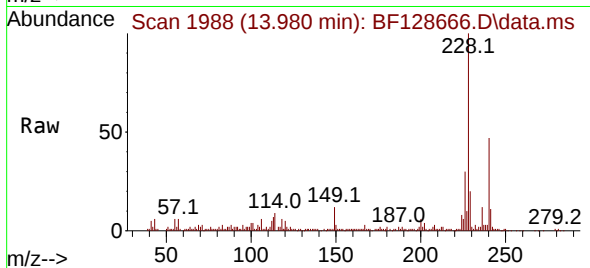
Tgt Ion:244 Resp: 680668
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 9.0 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.156 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

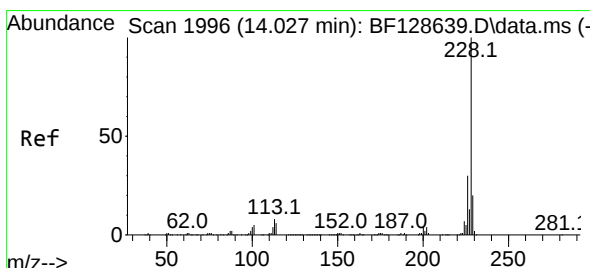
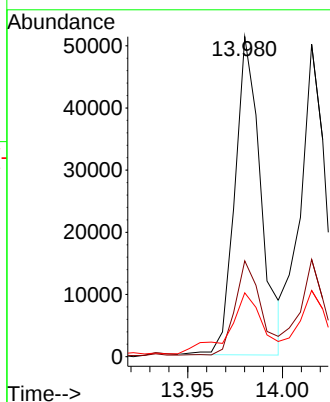
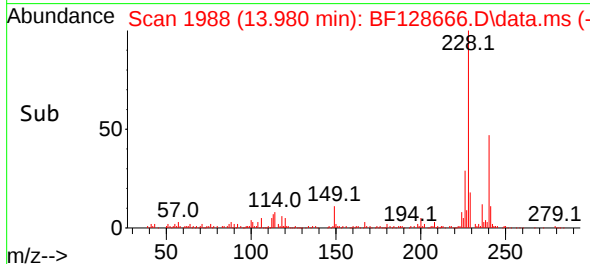
Instrument :
BNA_F
ClientSampleId :
WC-7



Tgt Ion:228 Resp: 48878
Ion Ratio Lower Upper
228 100
226 30.0 22.1 33.1
229 20.0 15.8 23.8

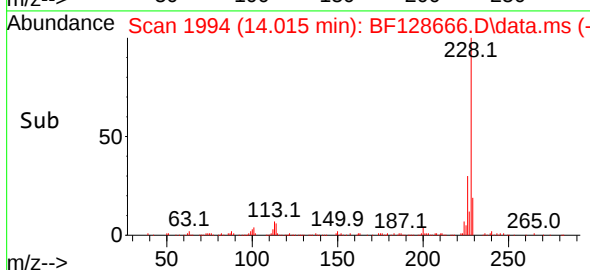
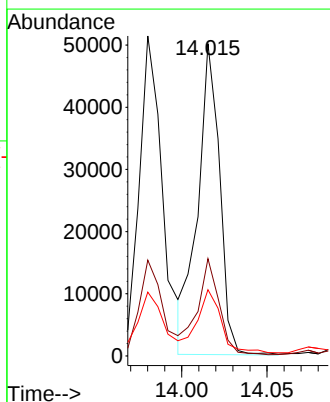
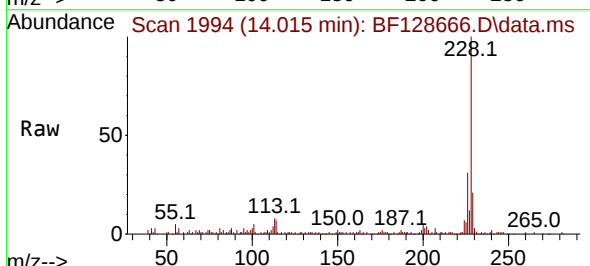
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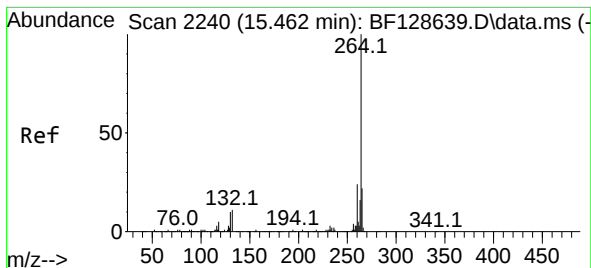
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#83
Chrysene
Concen: 3.992 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

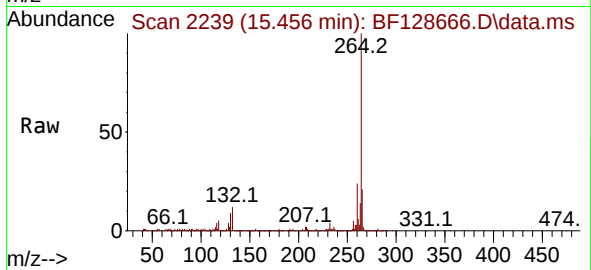
Tgt Ion:228 Resp: 44764
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 21.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

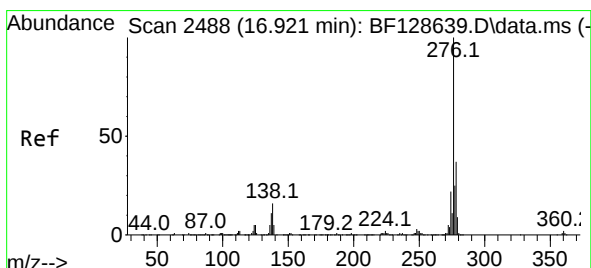
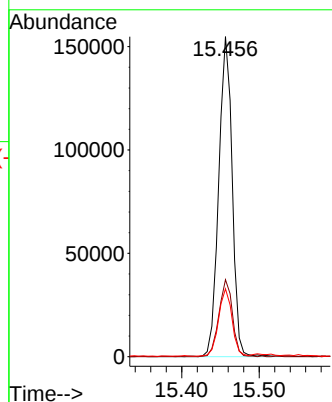
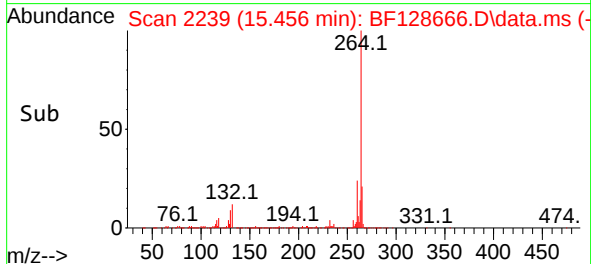
Instrument :
BNA_F
ClientSampleId :
WC-7



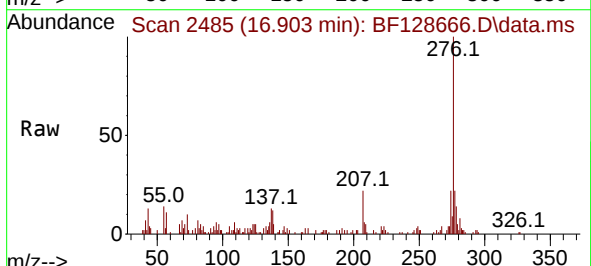
Tgt Ion:264 Resp: 18639
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.2 17.2 25.8

Manual Integrations
APPROVED

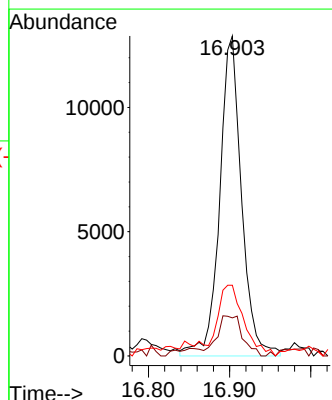
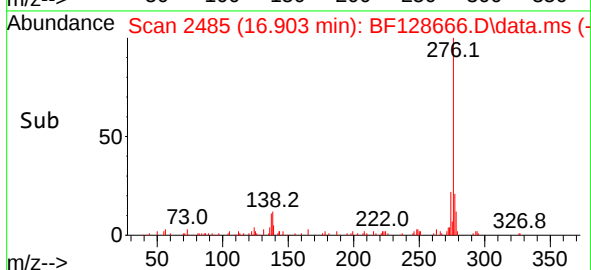
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

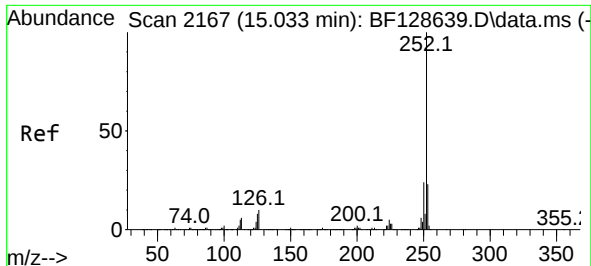


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.153 ng
RT: 16.903 min Scan# 2485
Delta R.T. -0.018 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07



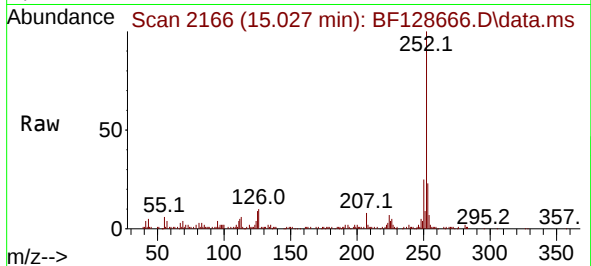
Tgt Ion:276 Resp: 24186
Ion Ratio Lower Upper
276 100
138 14.4 21.1 31.7#
277 25.7 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 4.978 ng m
RT: 15.027 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

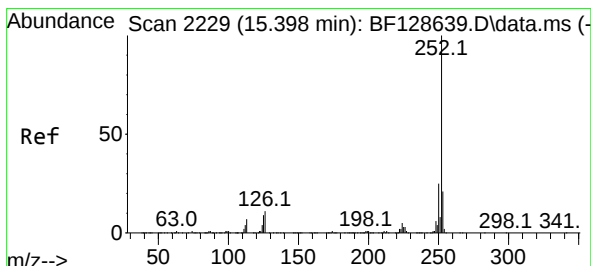
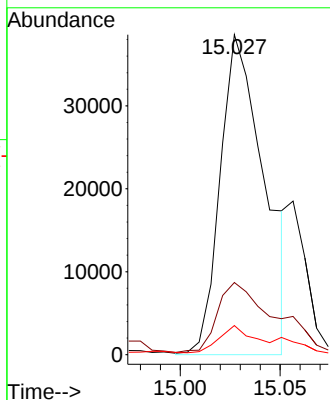
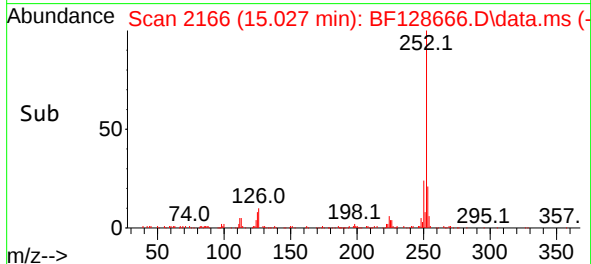
Instrument :
BNA_F
ClientSampleId :
WC-7



Tgt Ion:252 Resp: 5929
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.1 8.0 12.0

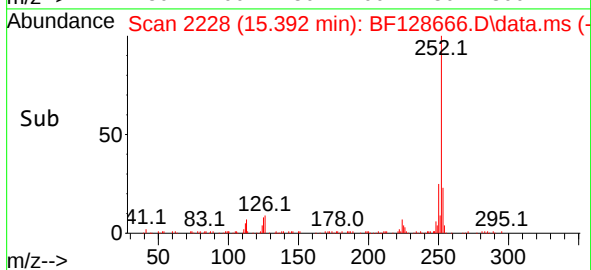
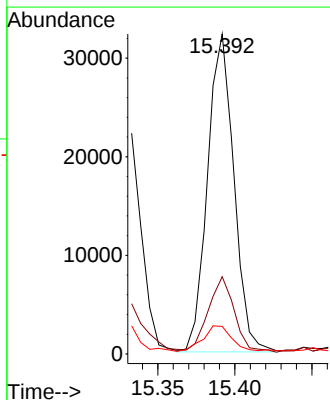
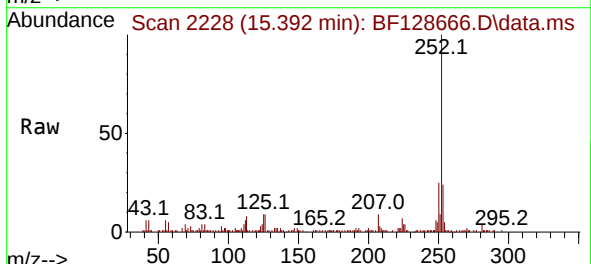
Manual Integrations
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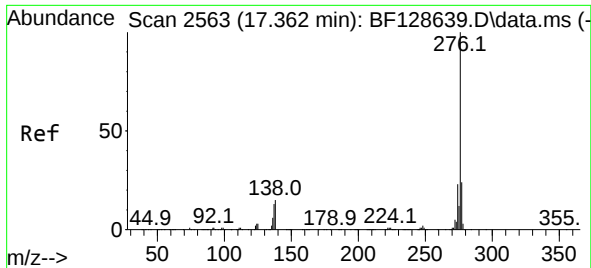
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#90
Benzo(a)pyrene
Concen: 4.104 ng m
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

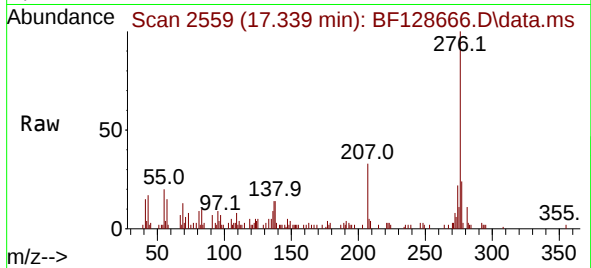
Tgt Ion:252 Resp: 38416
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 8.6 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.250 ng
 RT: 17.339 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF128666.D
 Acq: 03 Jun 2022 05:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-7



Tgt Ion: 276 Resp: 2078
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.1 28.7
 138 13.7 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

