

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128655.D
 Acq On : 02 Jun 2022 23:40
 Operator : CG\JU
 Sample : N3104-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 03:28:06 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	112905	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	434011	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	243053	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	430536	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	262546	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	202778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	575947	81.253	ng	0.00
7) Phenol-d6	6.487	99	728491	84.194	ng	-0.01
23) Nitrobenzene-d5	7.386	82	535279	57.422	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	161109	56.100	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	984920	56.764	ng	0.00
79) Terphenyl-d14	12.939	244	942311	62.366	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.374	178	48285	2.236	ng	99
75) Fluoranthene	12.563	202	103925	4.604	ng	95
78) Pyrene	12.792	202	134367	6.879	ng	98
81) Benzo(a)anthracene	13.980	228	52478	3.207	ng	97
83) Chrysene	14.015	228	44196	2.833	ng	96
88) Benzo(b)fluoranthene	15.027	252	38828m	2.997	ng	
90) Benzo(a)pyrene	15.392	252	31178	3.061	ng	98

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

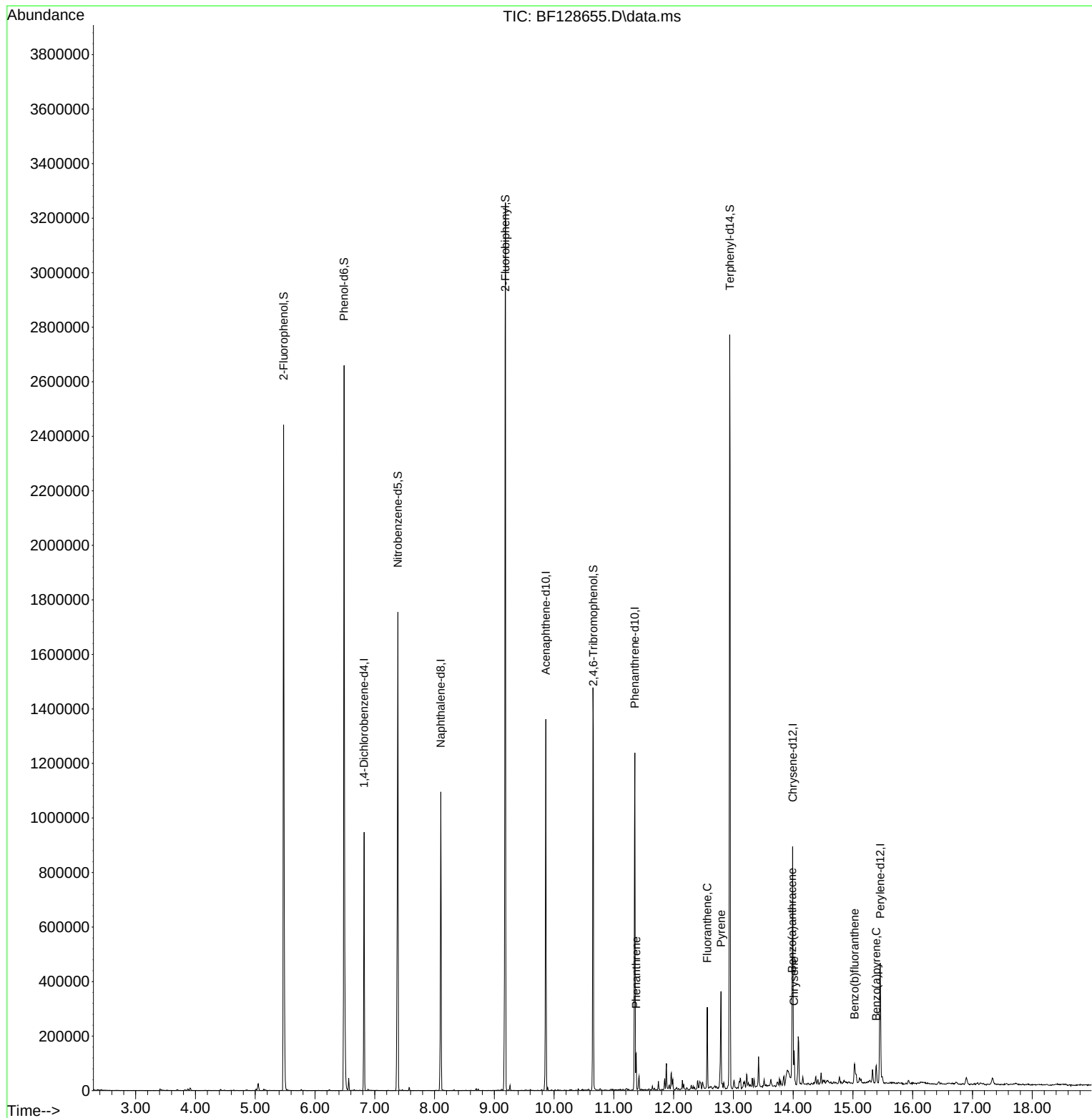
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128655.D
Acq On : 02 Jun 2022 23:40
Operator : CG\JU
Sample : N3104-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

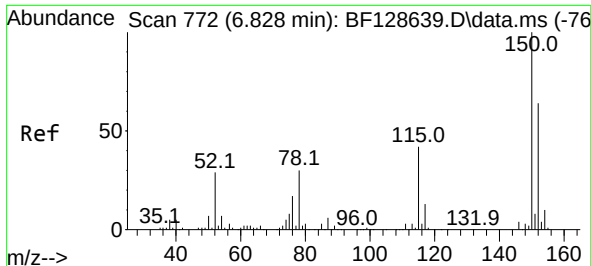
Instrument :
BNA_F
ClientSampleId :
WC-6

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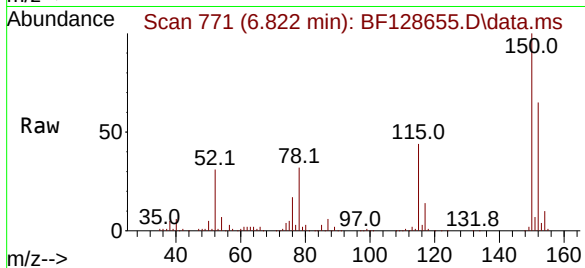
Quant Time: Jun 03 03:28:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

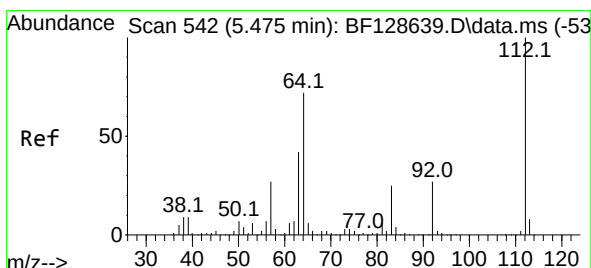
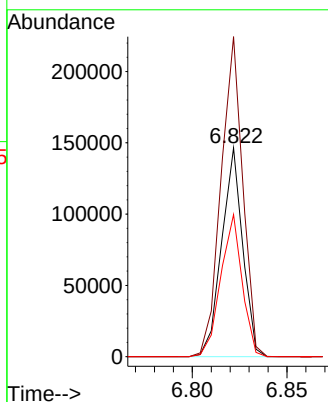
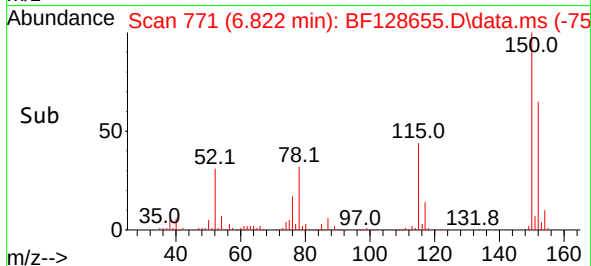
Instrument :
BNA_F
ClientSampleId :
WC-6



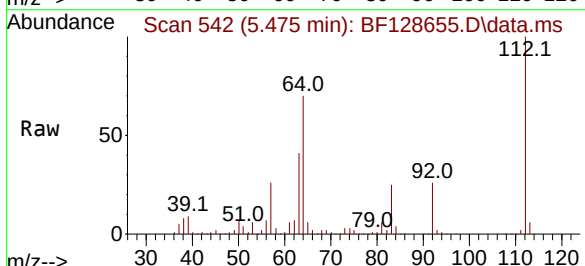
Tgt Ion:152 Resp: 11290
Ion Ratio Lower Upper
152 100
150 153.3 123.7 185.5
115 68.0 49.9 74.9

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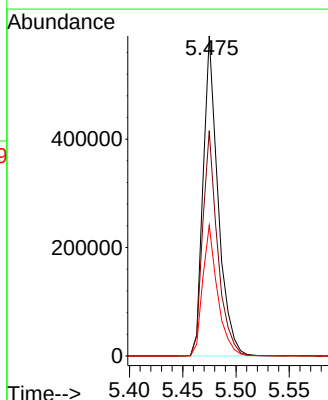
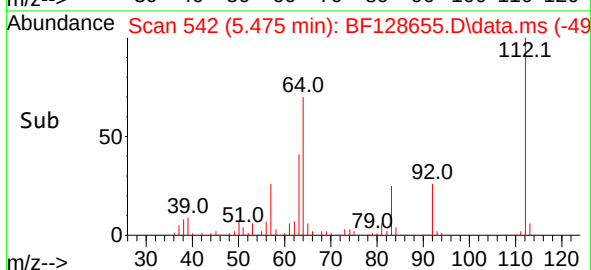
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

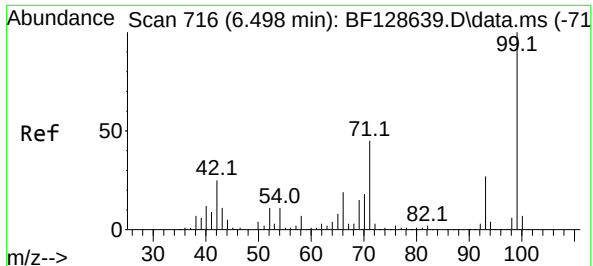


#5
2-Fluorophenol
Concen: 81.253 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40



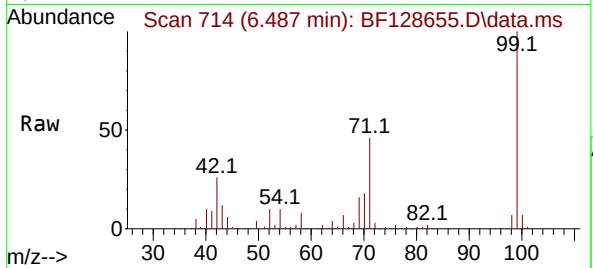
Tgt Ion:112 Resp: 575947
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 40.9 28.0 42.0





#7
Phenol-d6
Concen: 84.194 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

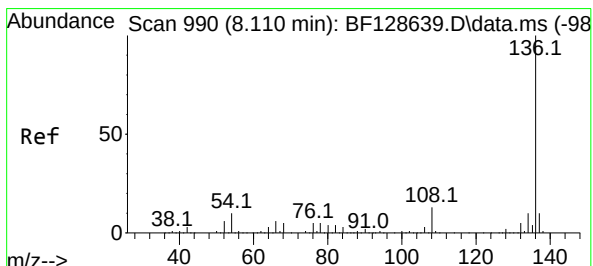
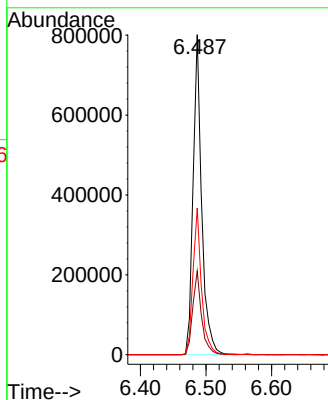
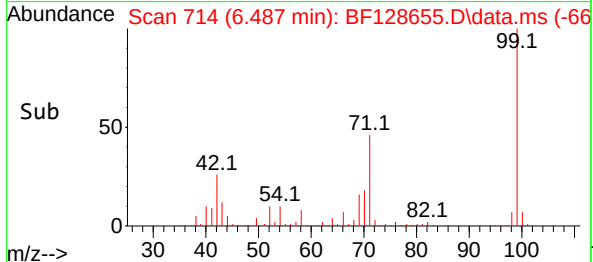
Instrument :
BNA_F
ClientSampleId :
WC-6



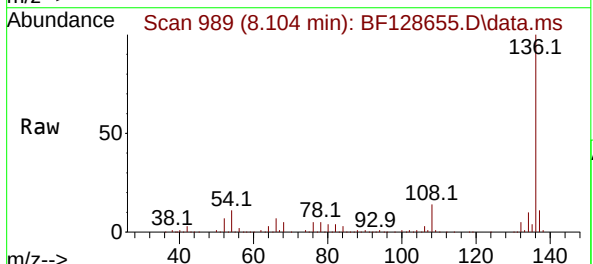
Tgt Ion: 99 Resp: 72849
Ion Ratio Lower Upper
99 100
42 26.2 17.3 25.9
71 45.8 28.9 43.3

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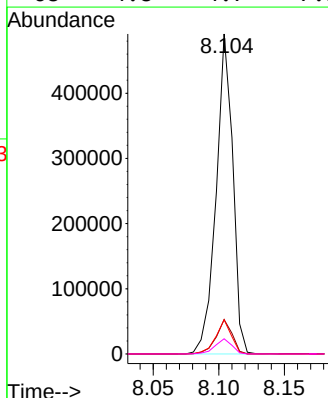
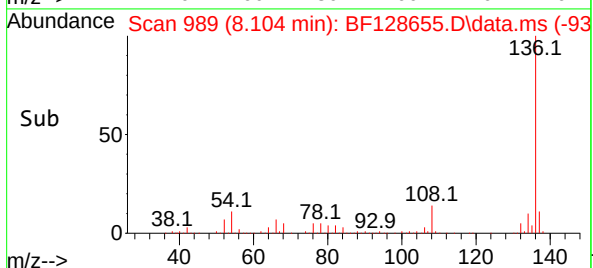
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

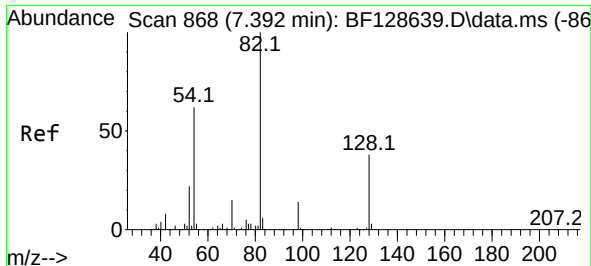


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40



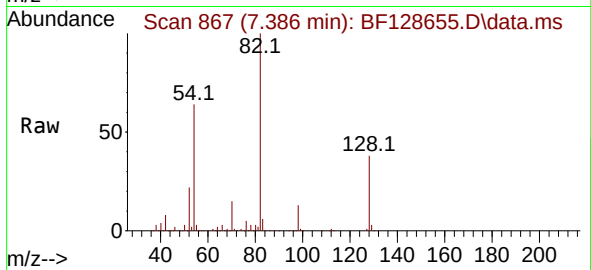
Tgt Ion:136 Resp: 434011
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.7 7.5 11.3
68 4.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 57.422 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

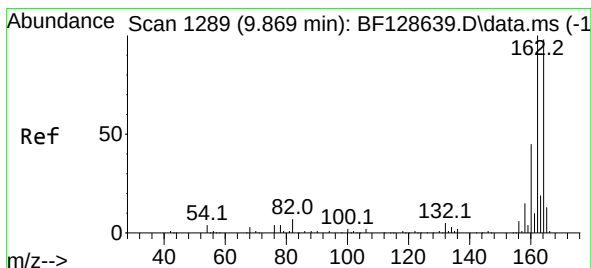
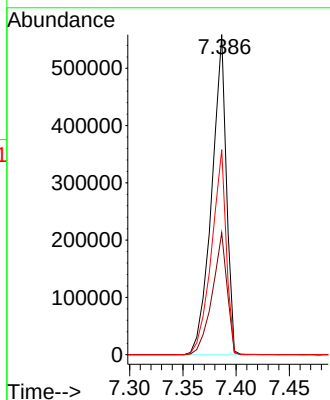
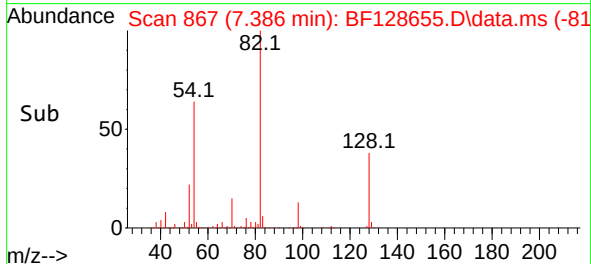
Instrument :
BNA_F
ClientSampleId :
WC-6



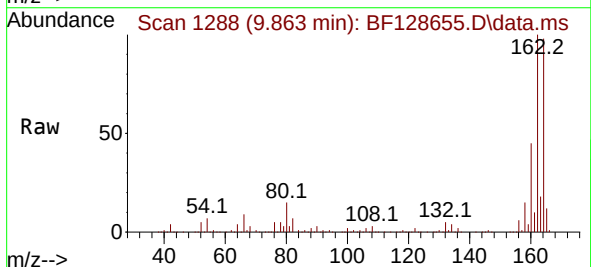
Tgt Ion: 82 Resp: 535279
Ion Ratio Lower Upper
82 100
128 38.1 34.0 51.0
54 64.1 46.9 70.3

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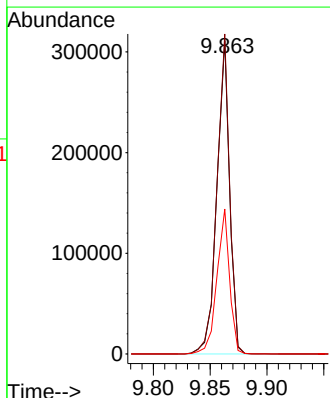
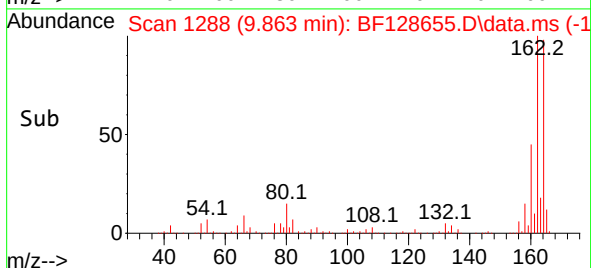
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

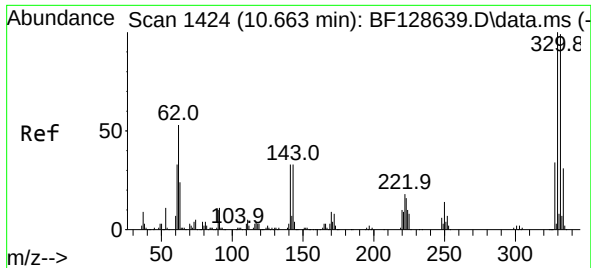


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40



Tgt Ion:164 Resp: 243053
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 46.3 34.2 51.4





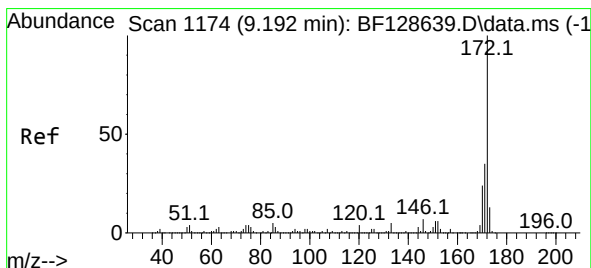
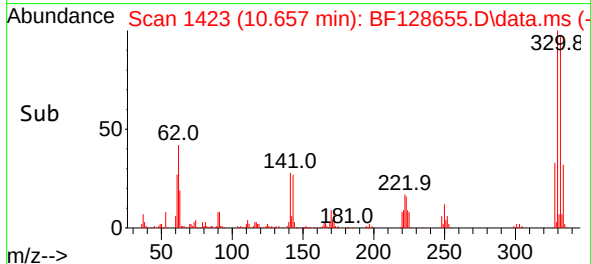
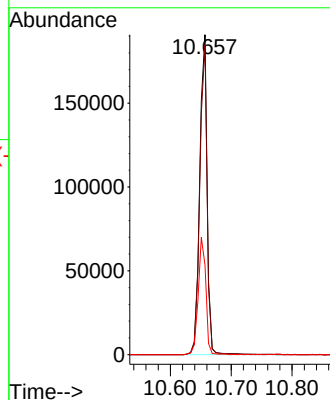
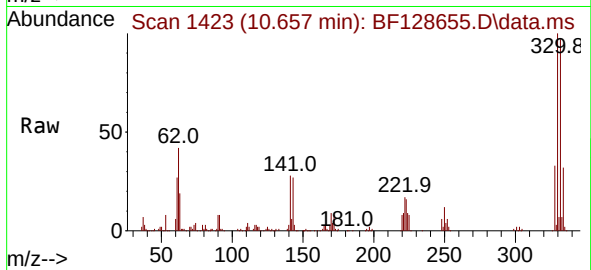
#42
2,4,6-Tribromophenol
Concen: 56.100 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion: 330 Resp: 161109
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 37.6 28.0 42.0

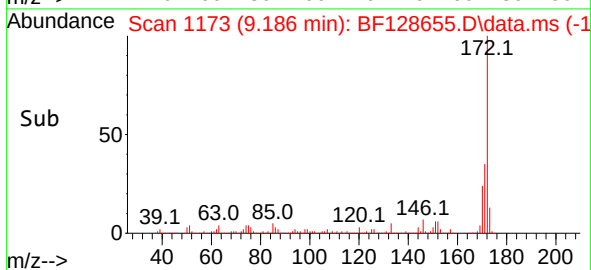
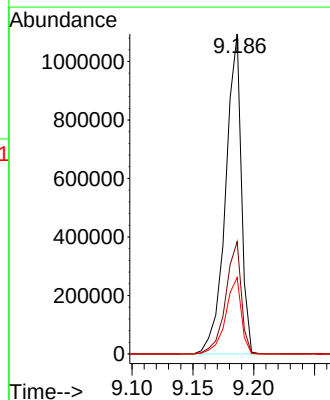
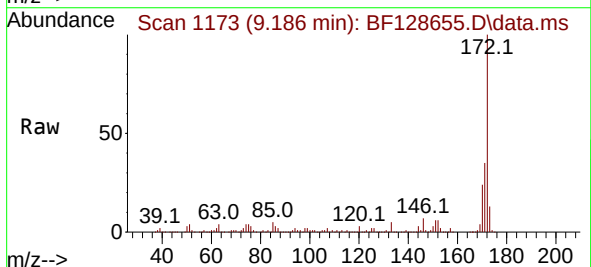
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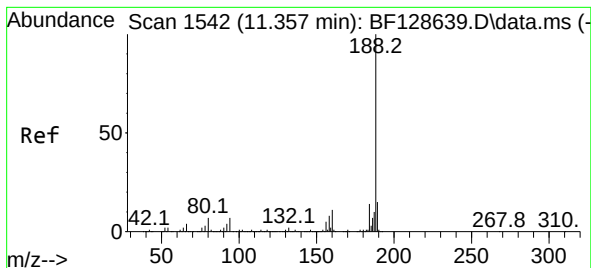
Reviewed By : Christian Giraldo 06/03/2022
Supervised By : Jagrut Upadhyay 06/03/2022



#45
2-Fluorobiphenyl
Concen: 56.764 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

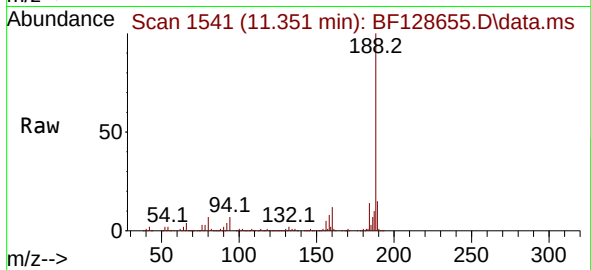
Tgt Ion: 172 Resp: 984920
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

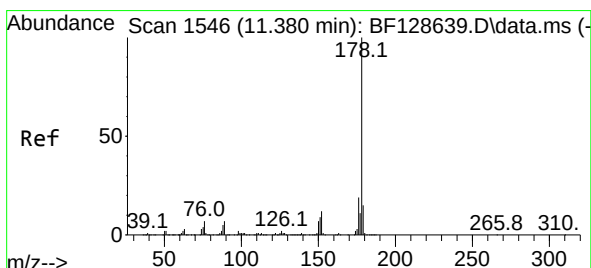
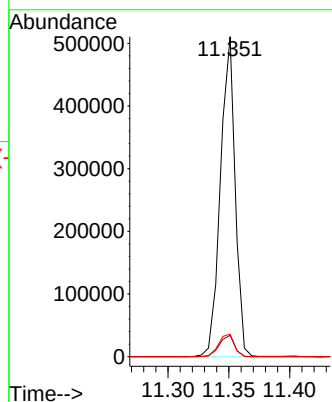
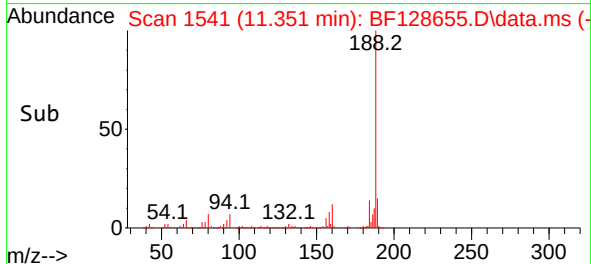
Instrument :
BNA_F
ClientSampleId :
WC-6



Tgt Ion:188 Resp: 430530
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6
80 7.1 7.6 11.4

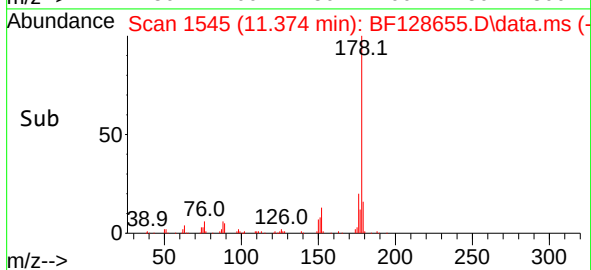
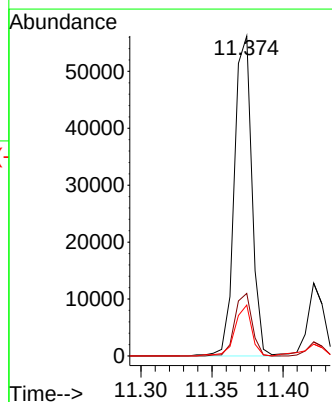
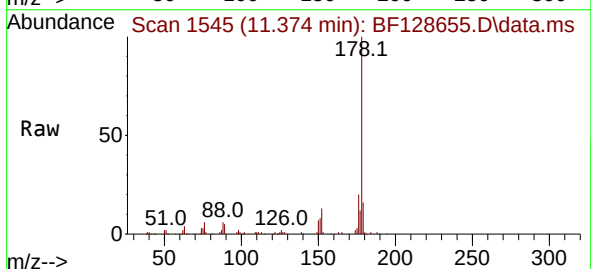
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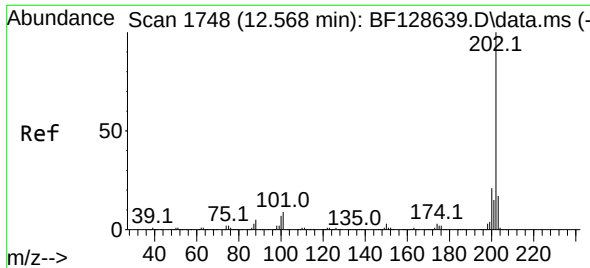
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#71
Phenanthrene
Concen: 2.236 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

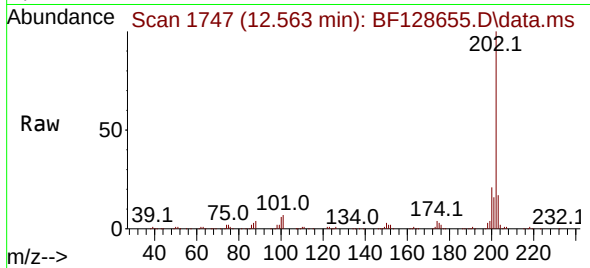
Tgt Ion:178 Resp: 48285
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.9 12.6 19.0





#75
Fluoranthene
Concen: 4.604 ng
RT: 12.563 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

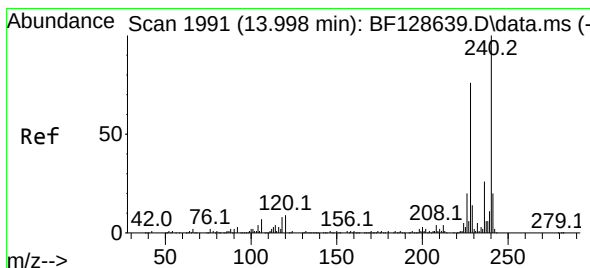
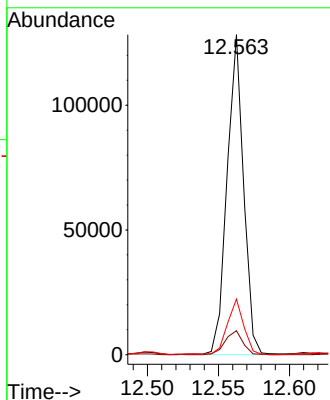
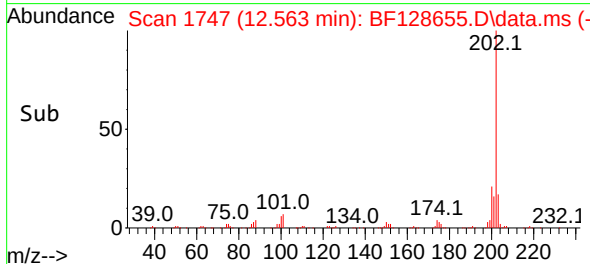
Instrument :
BNA_F
ClientSampleId :
WC-6



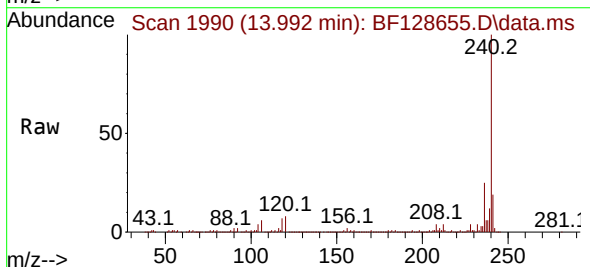
Tgt Ion:202 Resp: 103925
Ion Ratio Lower Upper
202 100
101 7.5 0.0 31.4
203 17.4 0.0 38.0

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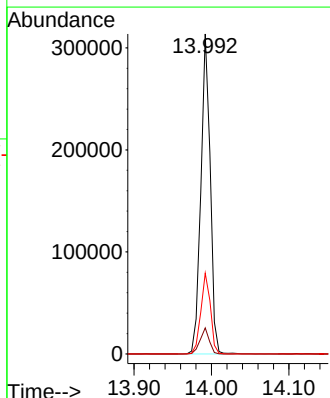
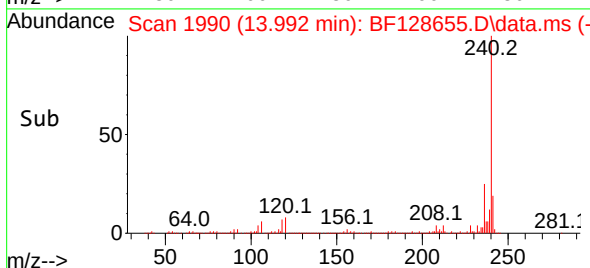
Reviewed By :Christian Giraldo 06/03/2022
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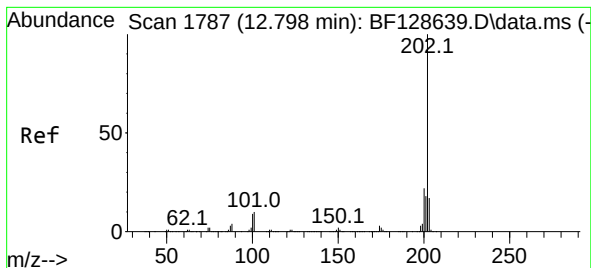


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40



Tgt Ion:240 Resp: 262546
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.3 20.8 31.2





#78

Pyrene

Concen: 6.879 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128655.D

Acq: 02 Jun 2022 23:40

Instrument :

BNA_F

ClientSampleId :

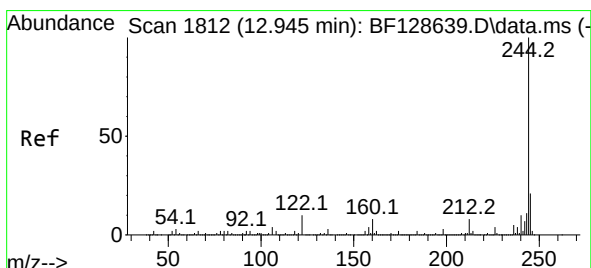
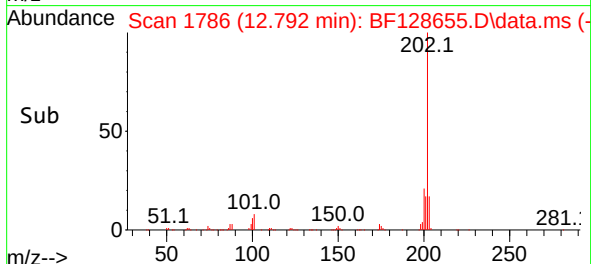
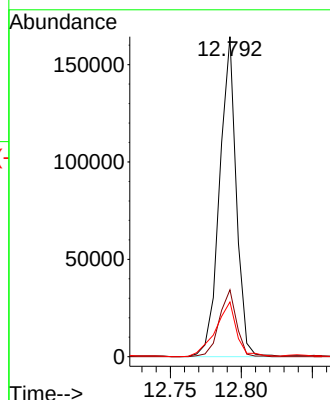
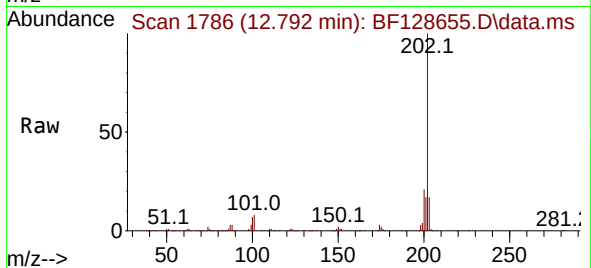
WC-6

Tgt Ion:202 Resp: 13436
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 17.1 14.6 21.8

Manual Integrations

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 Supervised By :Jagrut Upadhyay 06/03/2022



#79

Terphenyl-d14

Concen: 62.366 ng

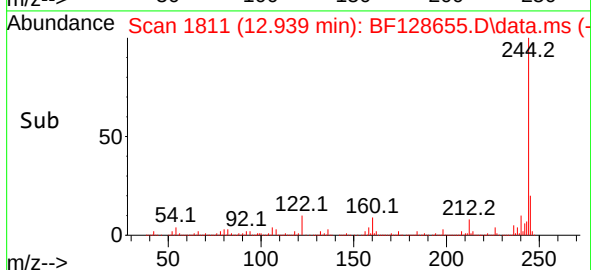
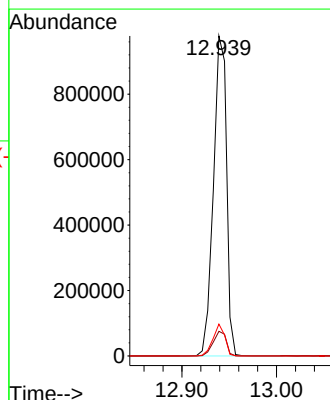
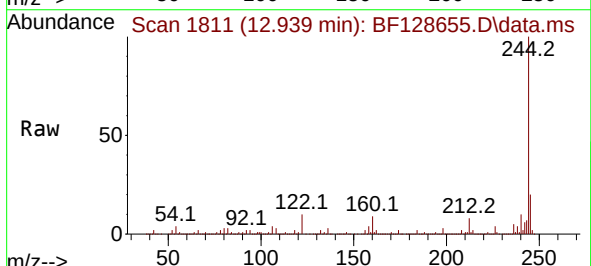
RT: 12.939 min Scan# 1811

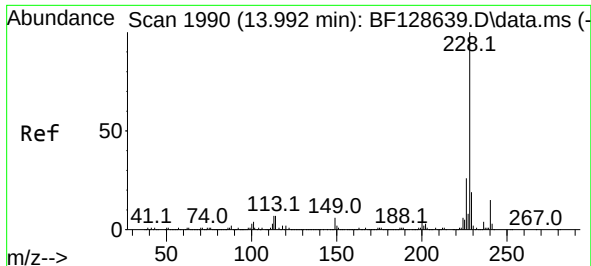
Delta R.T. -0.006 min

Lab File: BF128655.D

Acq: 02 Jun 2022 23:40

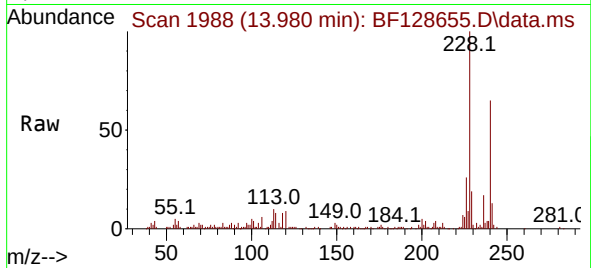
Tgt Ion:244 Resp: 942311
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.207 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

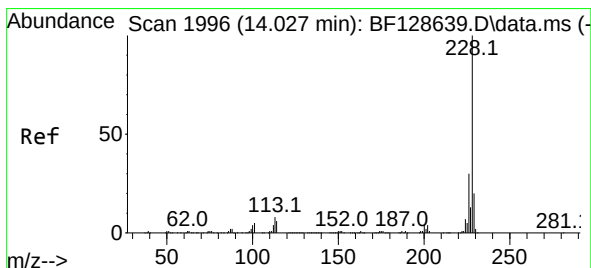
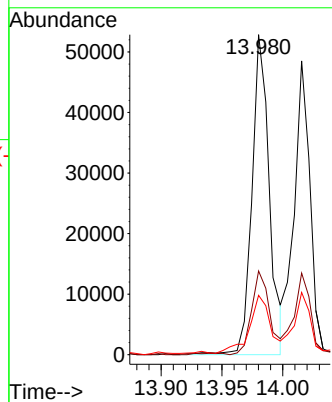
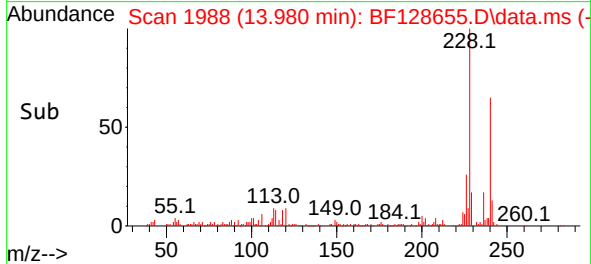
Instrument :
BNA_F
ClientSampleId :
WC-6



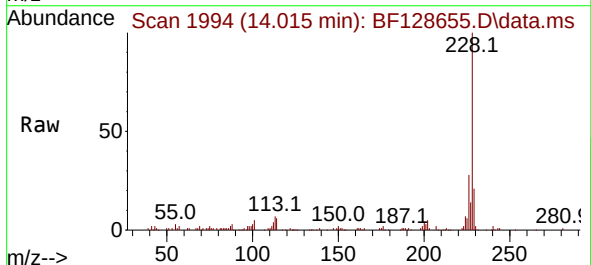
Tgt Ion:228 Resp: 52478
Ion Ratio Lower Upper
228 100
226 26.2 22.1 33.1
229 18.6 15.8 23.8

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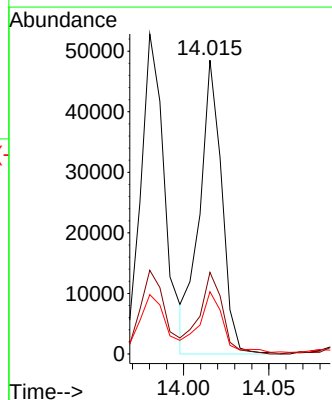
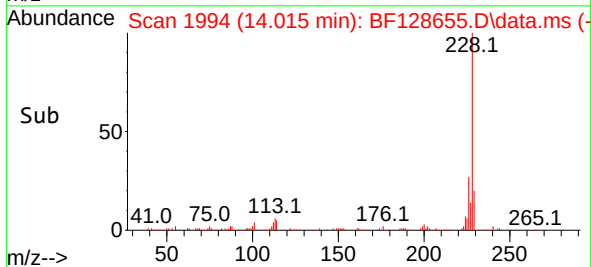
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

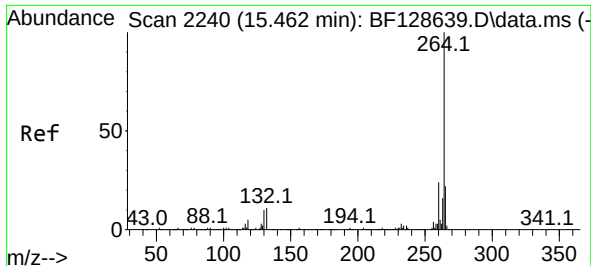


#83
Chrysene
Concen: 2.833 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40



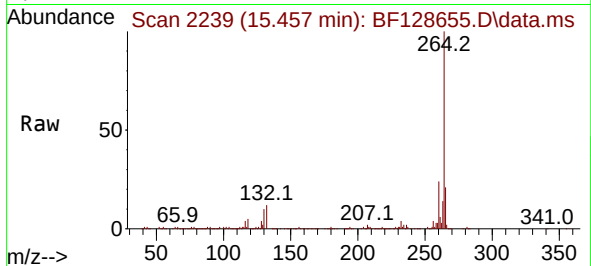
Tgt Ion:228 Resp: 44196
Ion Ratio Lower Upper
228 100
226 27.8 24.3 36.5
229 21.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

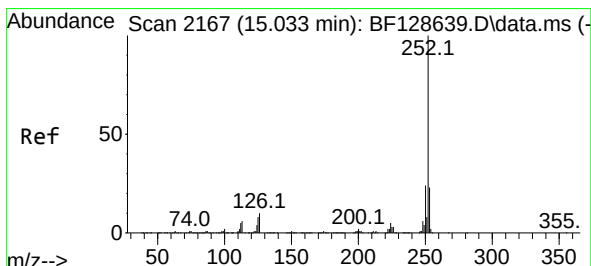
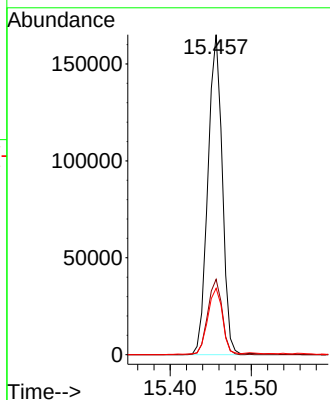
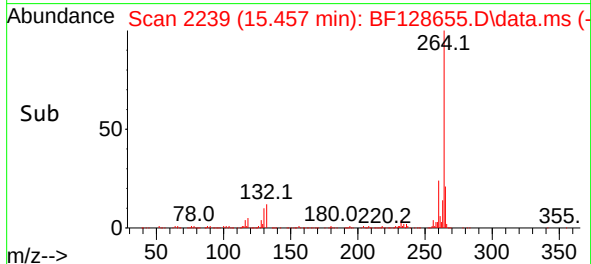
Instrument :
BNA_F
ClientSampleId :
WC-6



Tgt Ion:264 Resp: 202778
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 20.8 17.2 25.8

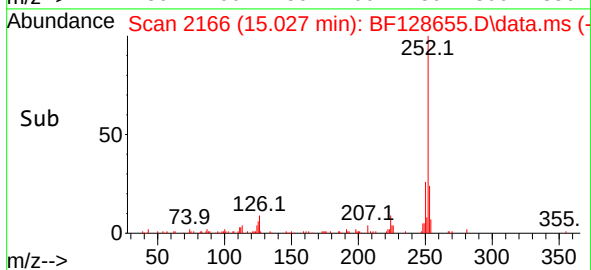
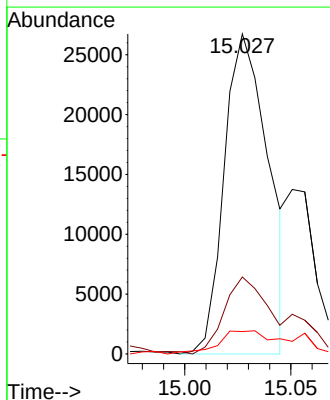
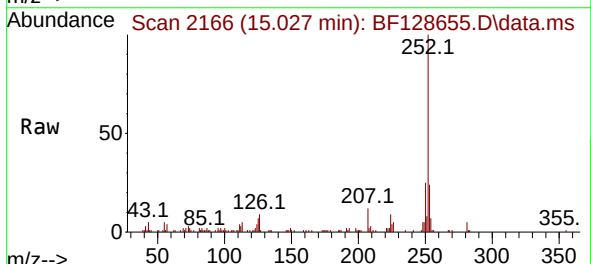
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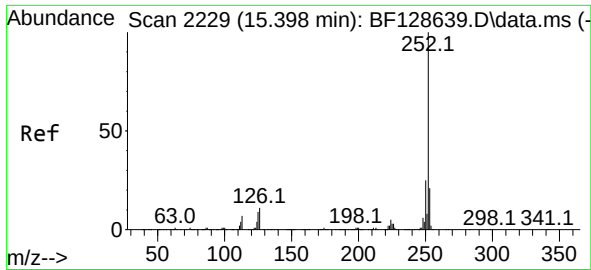
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#88
Benzo(b)fluoranthene
Concen: 2.997 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

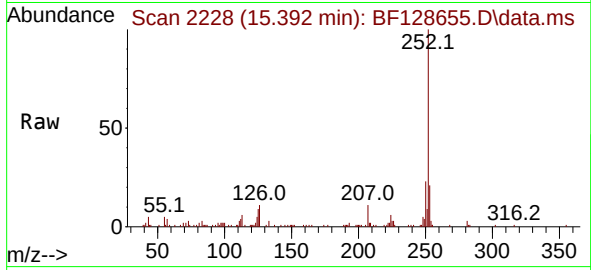
Tgt Ion:252 Resp: 38828
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 7.0 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.061 ng
RT: 15.392 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF128655.D
Acq: 02 Jun 2022 23:40

Instrument :
BNA_F
ClientSampleId :
WC-6



Tgt Ion:252 Resp: 31178
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 9.0 8.8 13.2

Manual Integrations
APPROVED

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

