

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128790.D
 Acq On : 13 Jun 2022 18:13
 Operator : CG\JU
 Sample : N3304-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 14 01:56:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73443	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	252413	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	118560	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	177651	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	141710	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	109892	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	336407	72.960	ng	-0.01
7) Phenol-d6	6.457	99	418771	74.404	ng	-0.02
23) Nitrobenzene-d5	7.369	82	291765	53.817	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	90112	64.327	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	501940	59.305	ng	0.00
79) Terphenyl-d14	12.939	244	400600	49.121	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	64844	7.277	ng	# 88
75) Fluoranthene	12.563	202	26229m	2.816	ng	
78) Pyrene	12.792	202	84738	8.037	ng	# 87
81) Benzo(a)anthracene	13.998	228	55369	6.268	ng	# 54
83) Chrysene	14.033	228	91912m	10.914	ng	
88) Benzo(b)fluoranthene	15.063	252	29157m	4.152	ng	
90) Benzo(a)pyrene	15.368	252	56308m	10.203	ng	
92) Benzo(g,h,i)perylene	17.409	276	15943	2.928	ng	# 63

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

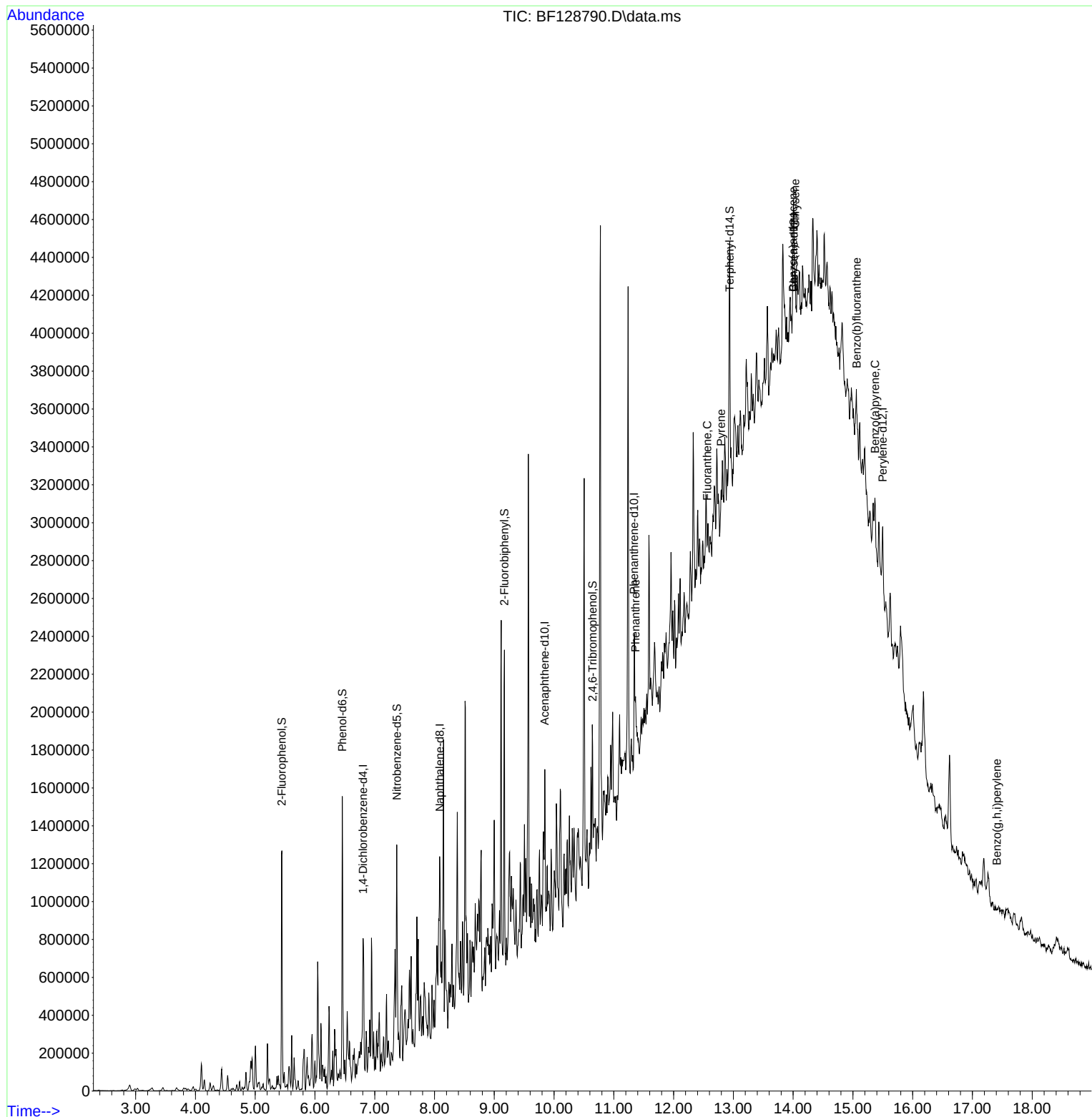
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128790.D
Acq On : 13 Jun 2022 18:13
Operator : CG\JU
Sample : N3304-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

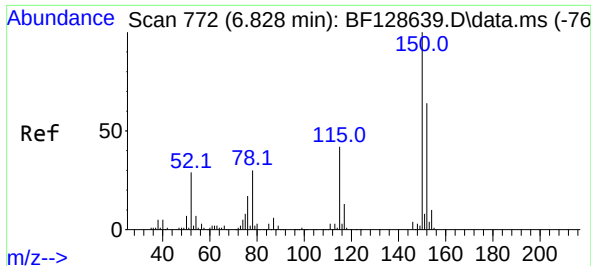
Instrument :
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WC-14A-1A-10

Quant Time: Jun 14 01:56:31 2022
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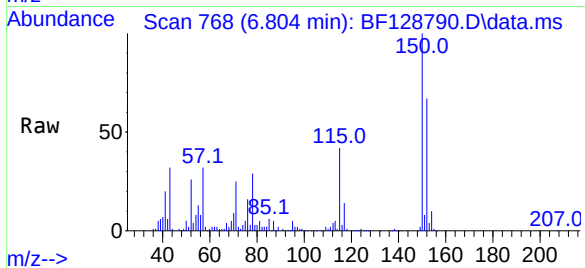
Reviewed By : Christian Giraldo 06/14/2022
Supervised By : Jagrut Upadhyay 06/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

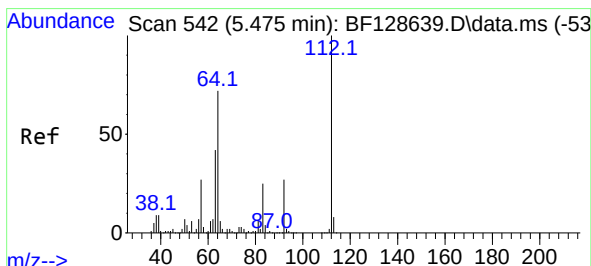
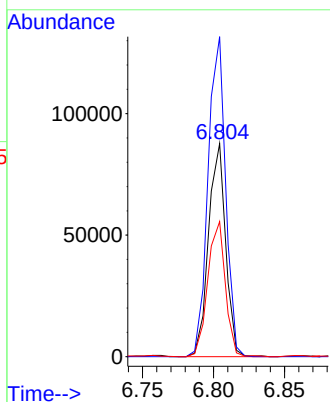
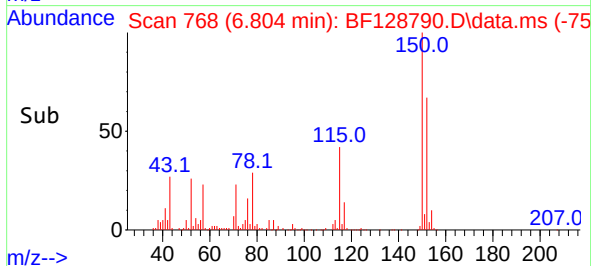
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



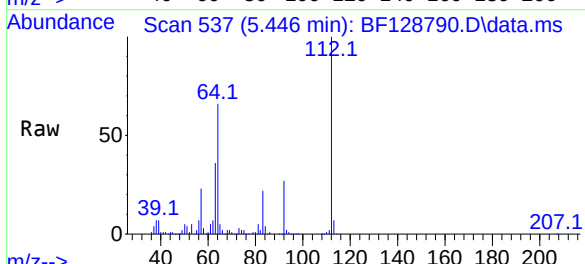
Tgt Ion:152 Resp: 7344
Ion Ratio Lower Upper
152 100
150 150.2 123.7 185.5
115 63.4 49.9 74.9

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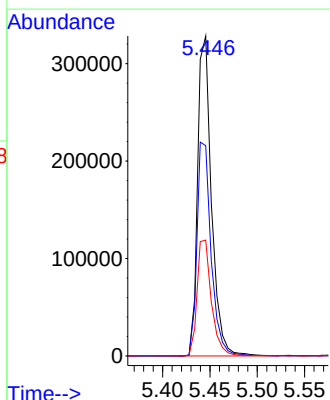
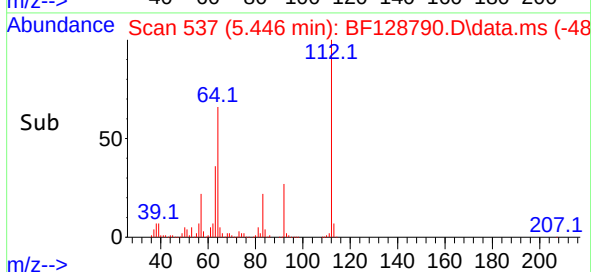
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

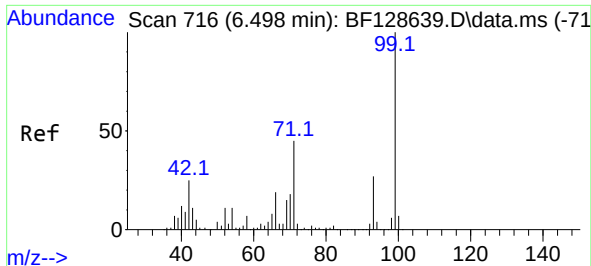


#5
2-Fluorophenol
Concen: 72.960 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13



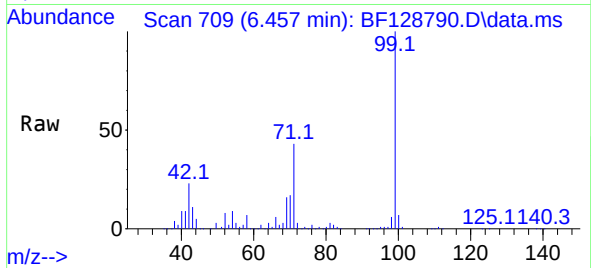
Tgt Ion:112 Resp: 336407
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 36.2 28.0 42.0





#7
Phenol-d6
Concen: 74.404 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

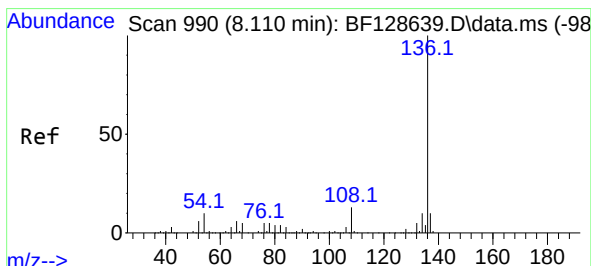
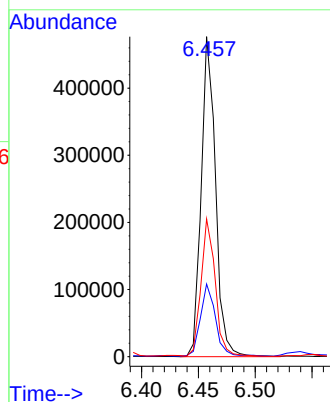
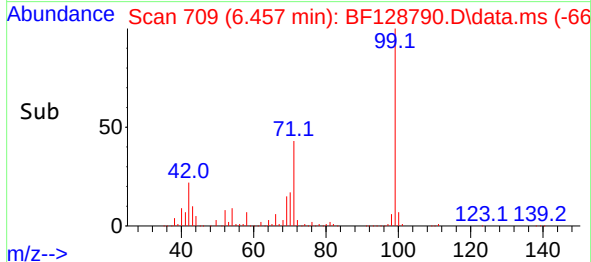
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



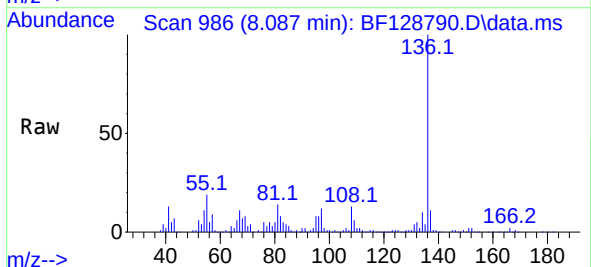
Tgt Ion: 99 Resp: 41877
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 43.1 28.9 43.3

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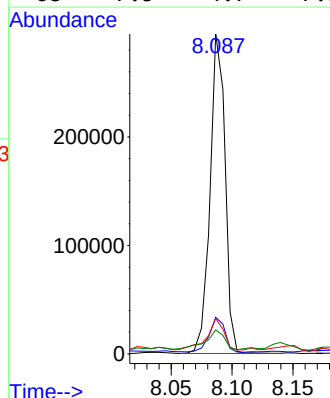
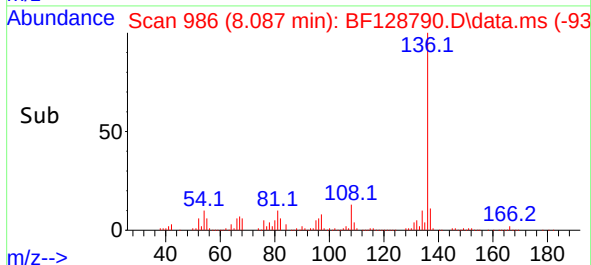
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

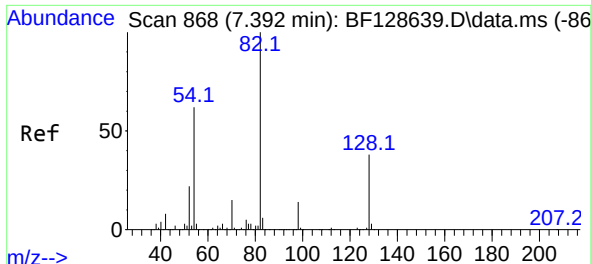


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13



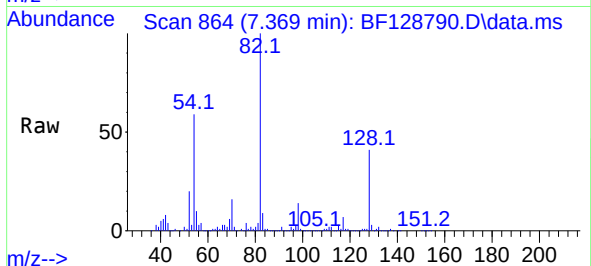
Tgt Ion:136 Resp: 252413
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 11.0 7.5 11.3
68 7.5 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 53.817 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

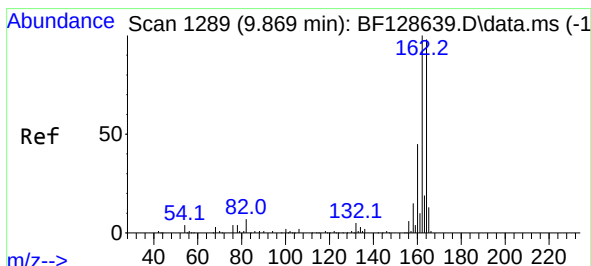
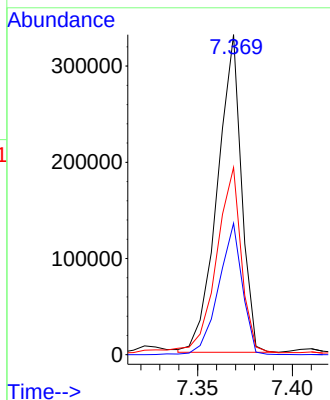
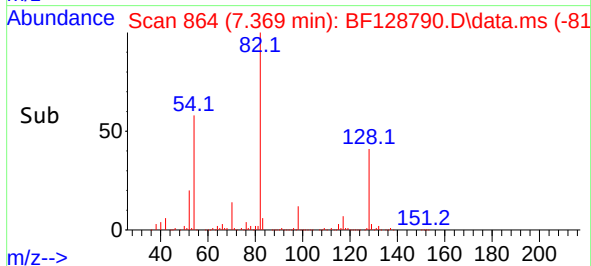
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



Tgt Ion: 82 Resp: 29176
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 58.5 46.9 70.3

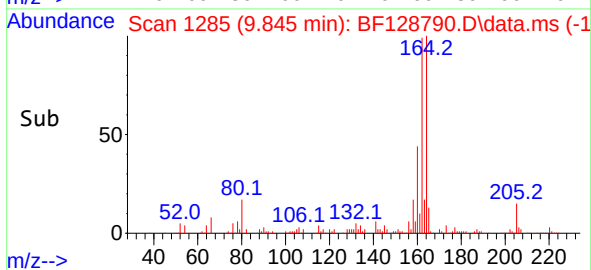
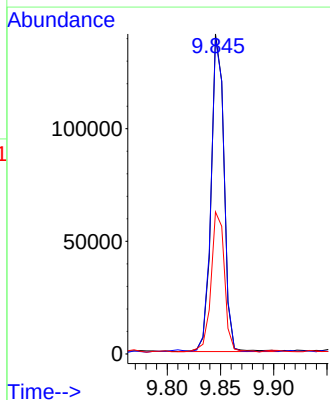
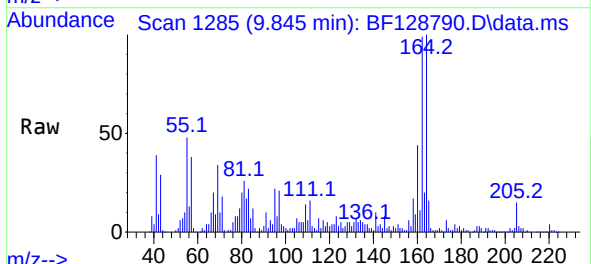
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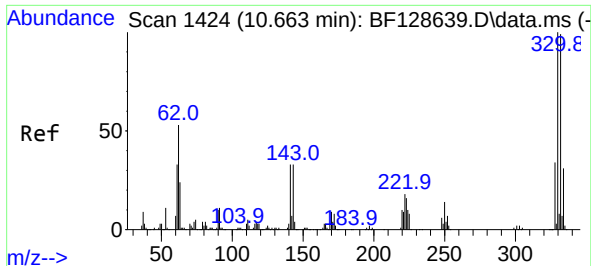
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

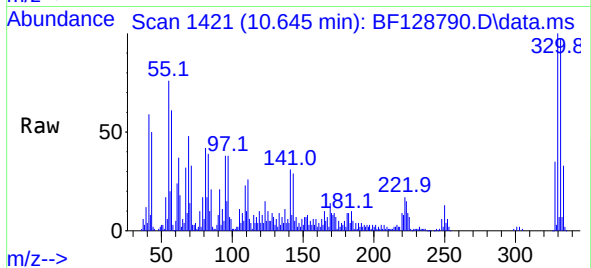
Tgt Ion:164 Resp: 118560
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 64.327 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

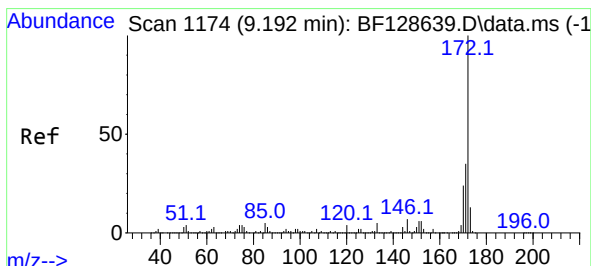
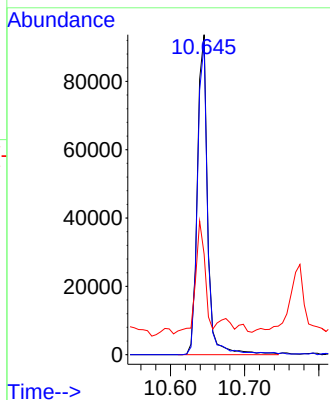
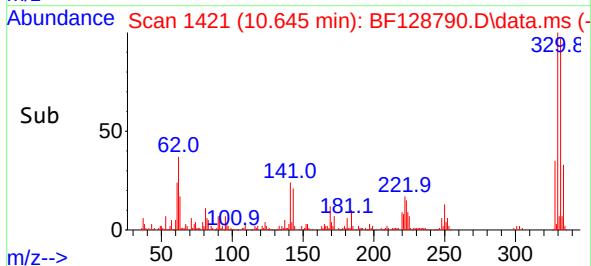
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



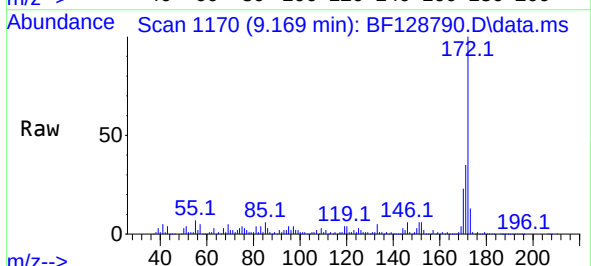
Tgt Ion: 330 Resp: 9011
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 32.5 28.0 42.0

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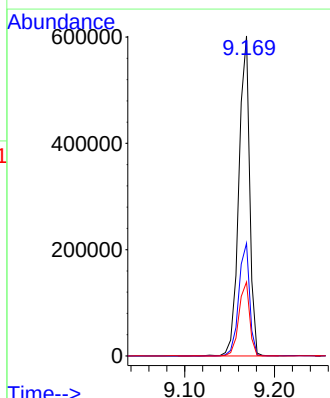
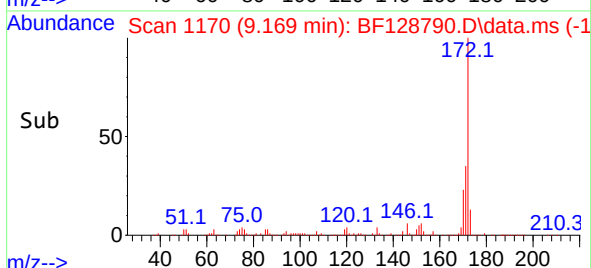
Reviewed By : Christian Giraldo 06/14/2022
Supervised By : Jagrut Upadhyay 06/14/2022

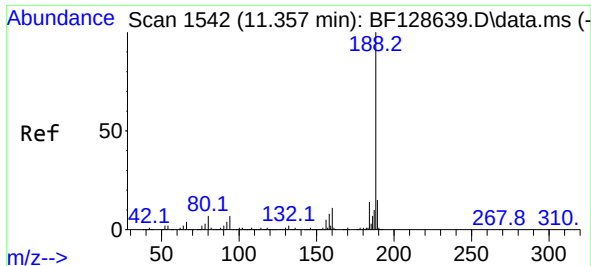


#45
2-Fluorobiphenyl
Concen: 59.305 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13



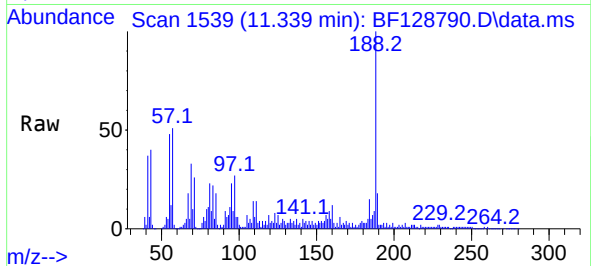
Tgt Ion: 172 Resp: 501940
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

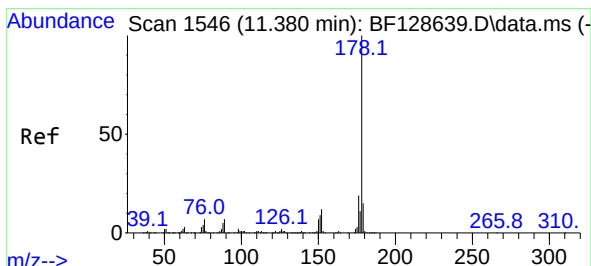
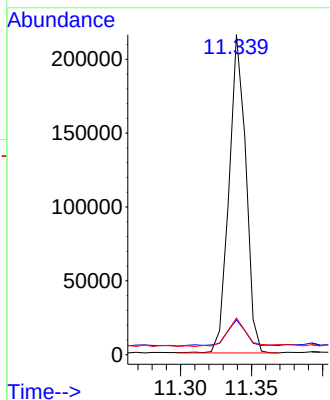
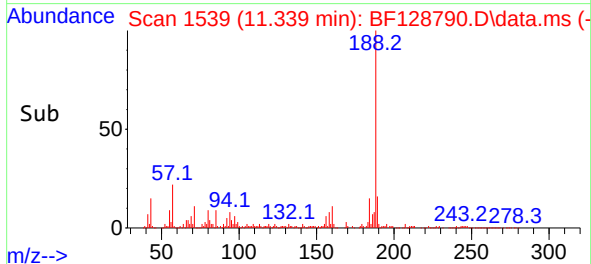
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



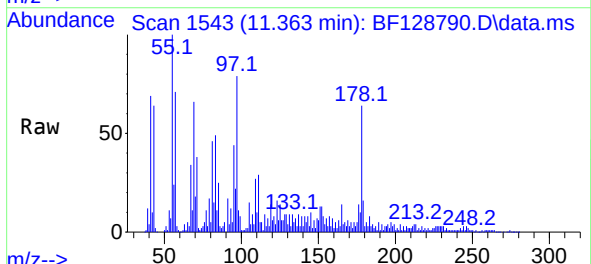
Tgt Ion:188 Resp: 17765
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6
80 11.4 7.6 11.4

Manual Integrations
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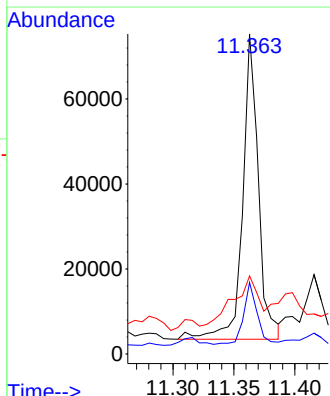
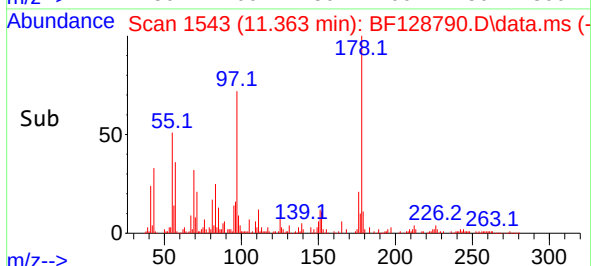
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

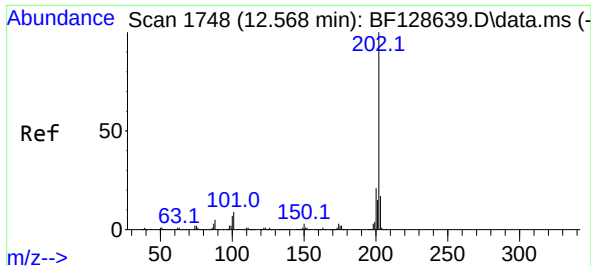


#71
Phenanthrene
Concen: 7.277 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13



Tgt Ion:178 Resp: 64844
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 24.4 12.6 19.0





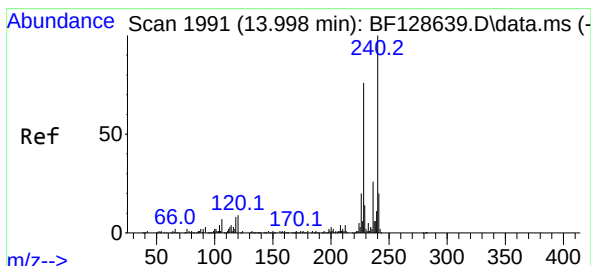
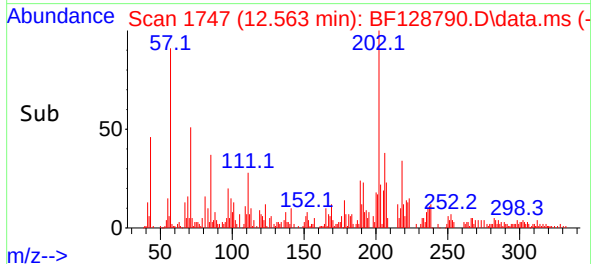
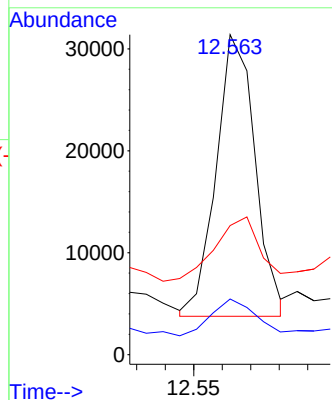
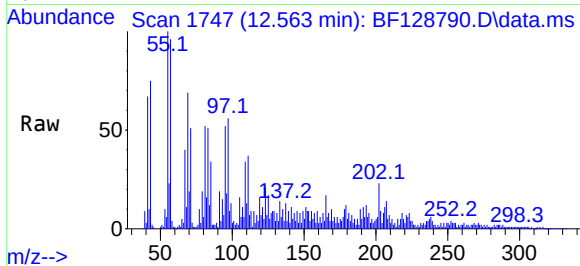
#75
Fluoranthene
Concen: 2.816 ng m
RT: 12.563 min Scan# 1748
Delta R.T. 0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Tgt Ion:202 Resp: 26229
Ion Ratio Lower Upper
202 100
101 17.4 0.0 31.4
203 40.4 0.0 38.0

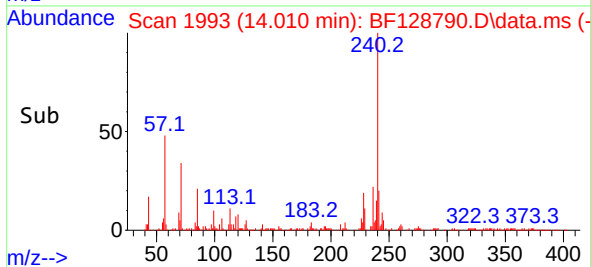
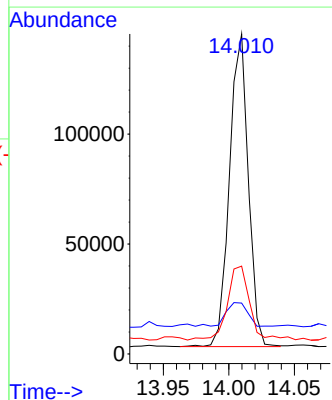
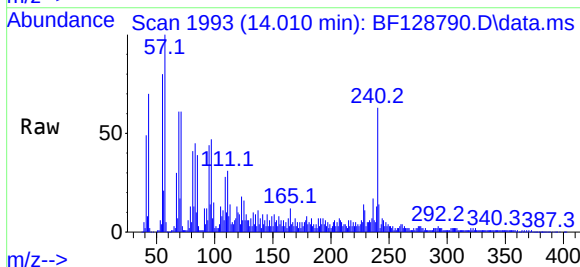
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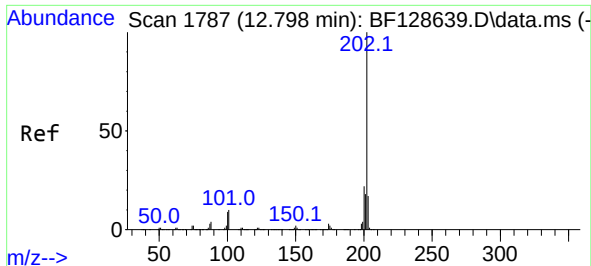
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.023 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

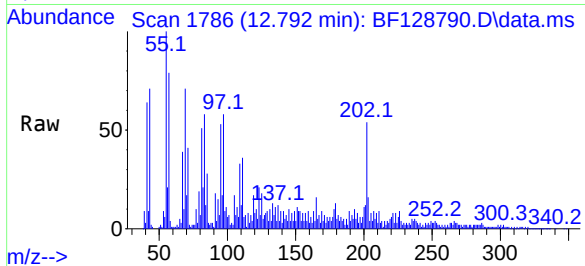
Tgt Ion:240 Resp: 141710
Ion Ratio Lower Upper
240 100
120 15.9 8.9 13.3#
236 27.5 20.8 31.2





#78
Pyrene
Concen: 8.037 ng
RT: 12.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

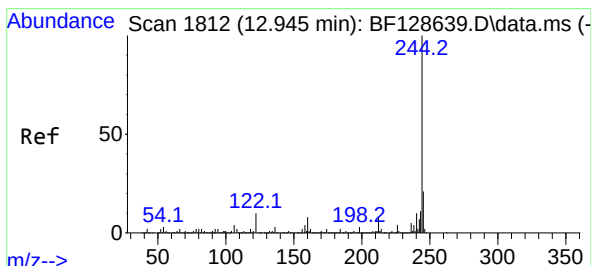
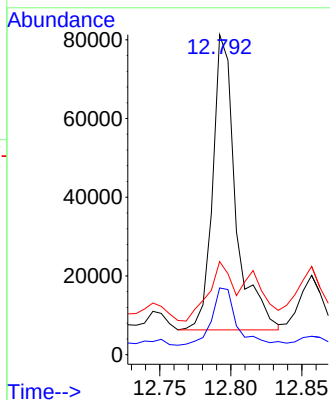
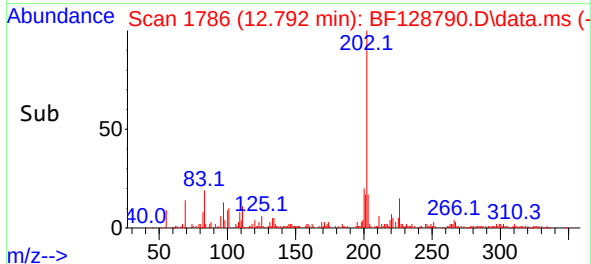
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



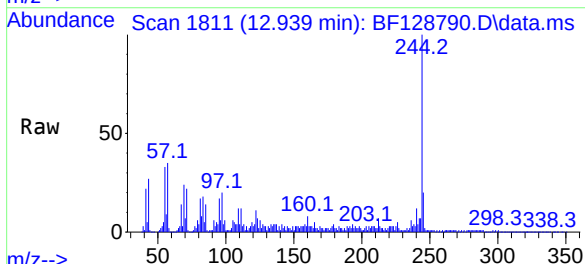
Tgt Ion:202 Resp: 84738
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 29.1 14.6 21.8

Manual Integrations
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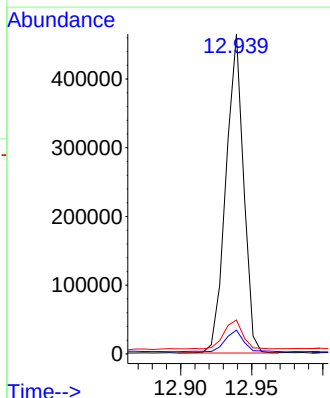
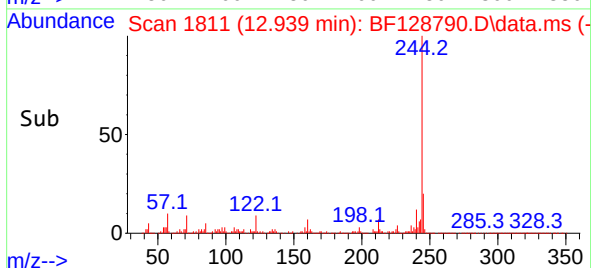
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

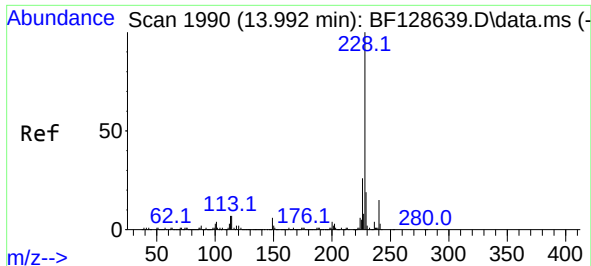


#79
Terphenyl-d14
Concen: 49.121 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13



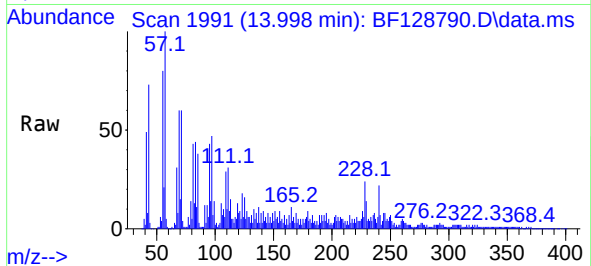
Tgt Ion:244 Resp: 400600
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.6 8.8 13.2





#81
Benzo(a)anthracene
Concen: 6.268 ng
RT: 13.998 min Scan# 1990
Delta R.T. 0.023 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

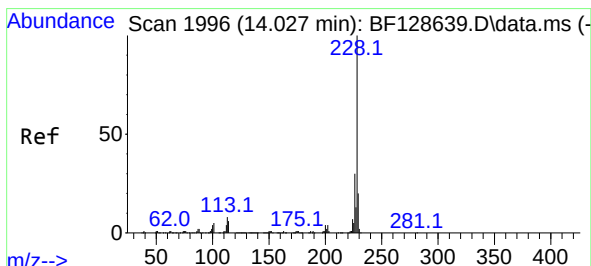
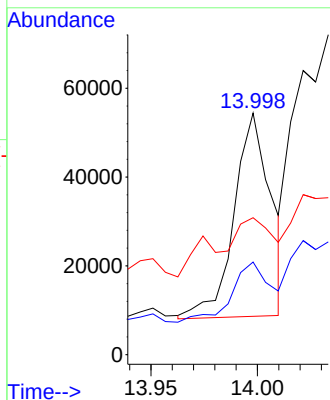
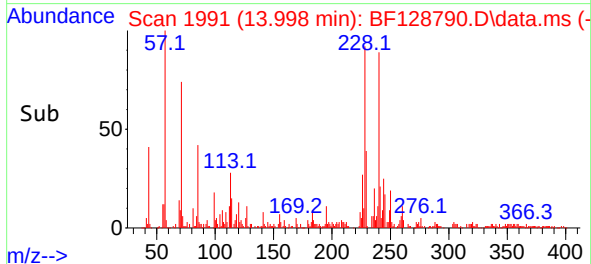
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



Tgt Ion:228 Resp: 55369
Ion Ratio Lower Upper
228 100
226 38.4 22.1 33.1
229 56.7 15.8 23.8

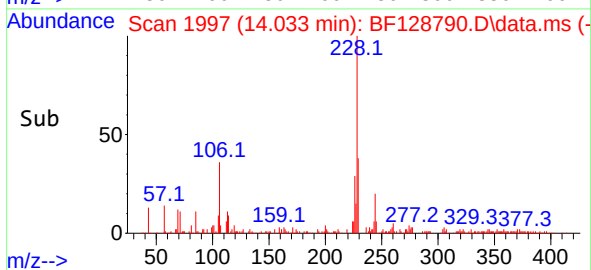
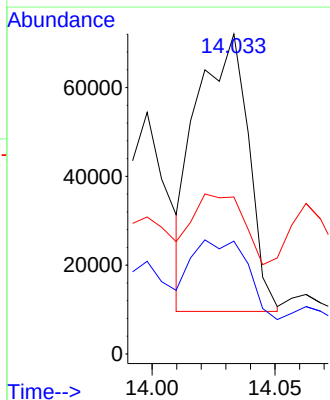
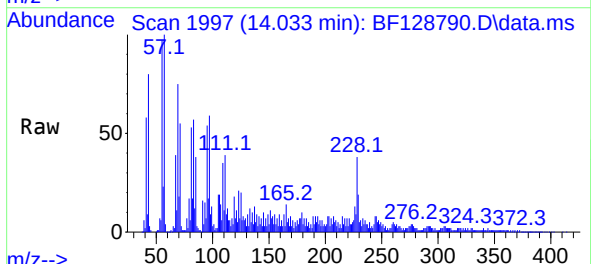
Manual Integrations
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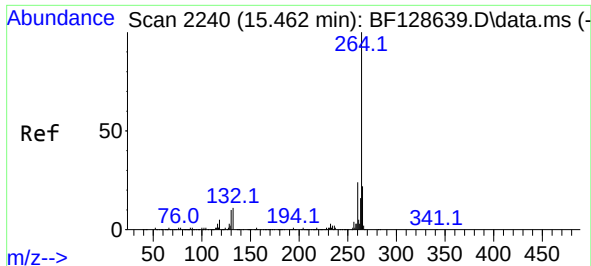
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#83
Chrysene
Concen: 10.914 ng m
RT: 14.033 min Scan# 1997
Delta R.T. 0.017 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

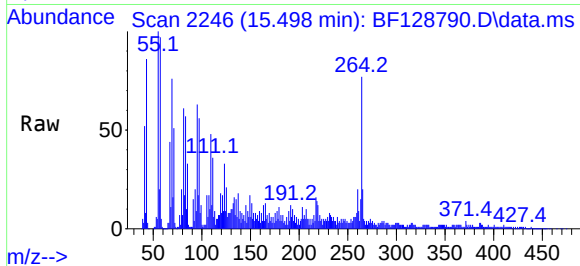
Tgt Ion:228 Resp: 91912
Ion Ratio Lower Upper
228 100
226 35.3 24.3 36.5
229 49.1 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2172
Delta R.T. 0.053 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

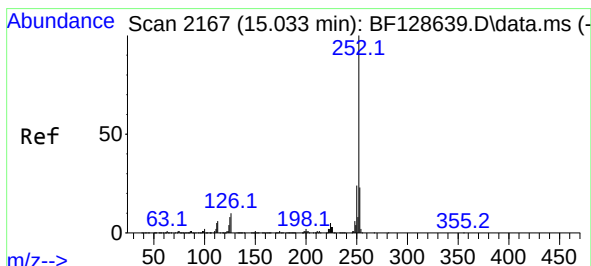
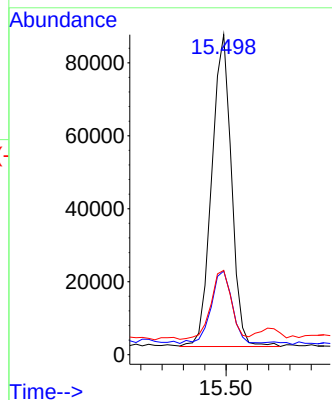
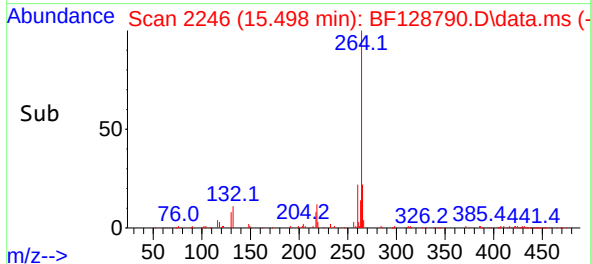
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



Tgt Ion:264 Resp: 109892
Ion Ratio Lower Upper
264 100
260 26.1 18.4 27.6
265 26.4 17.2 25.8

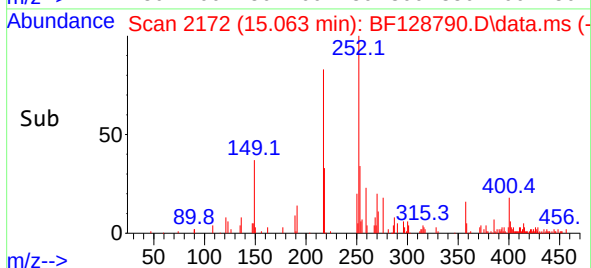
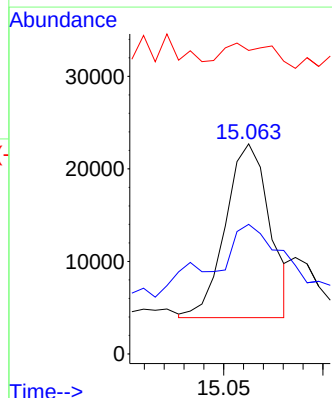
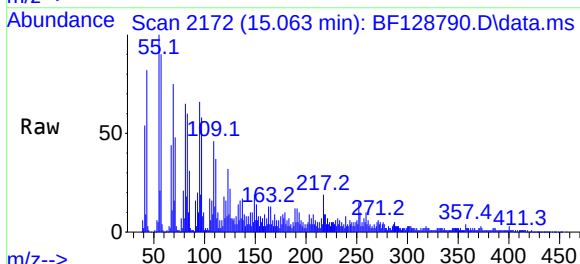
Manual Integrations
APPROVED

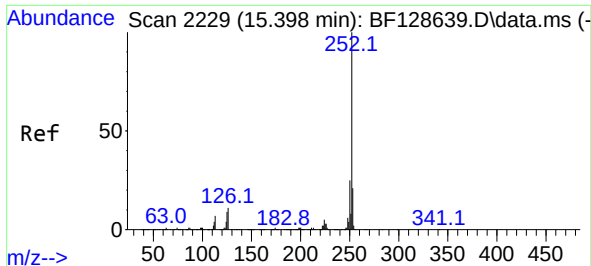
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#88
Benzo(b)fluoranthene
Concen: 4.152 ng m
RT: 15.063 min Scan# 2172
Delta R.T. 0.041 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

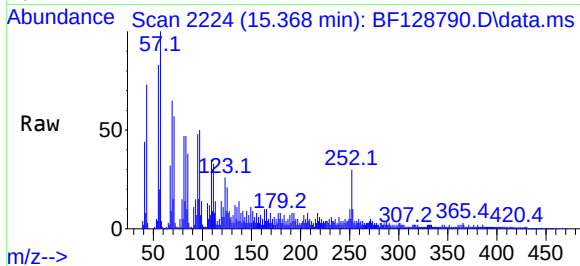
Tgt Ion:252 Resp: 29157
Ion Ratio Lower Upper
252 100
253 61.7 17.7 26.5#
125 144.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 10.203 ng m
RT: 15.368 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

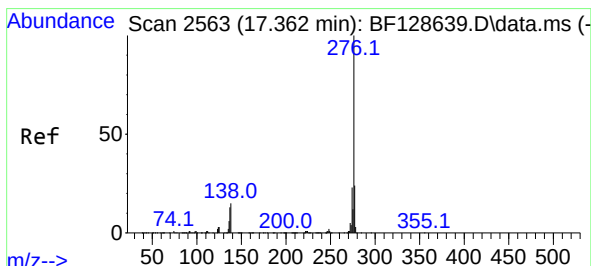
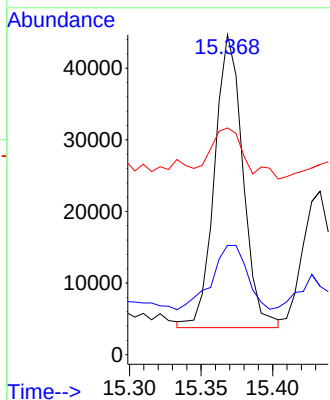
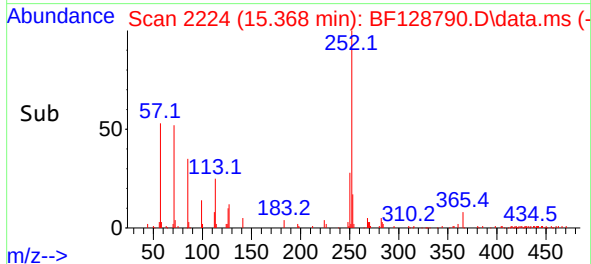
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10



Tgt Ion:252 Resp: 56308
Ion Ratio Lower Upper
252 100
253 34.2 17.0 25.6
125 70.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#92
Benzo(g,h,i)perylene
Concen: 2.928 ng
RT: 17.409 min Scan# 2571
Delta R.T. 0.070 min
Lab File: BF128790.D
Acq: 13 Jun 2022 18:13

Tgt Ion:276 Resp: 15943
Ion Ratio Lower Upper
276 100
277 40.7 19.1 28.7#
138 41.5 18.0 27.0#

