

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131175.D
 Acq On : 12 Nov 2022 03:07
 Operator : CG\JU
 Sample : N5501-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-4-110722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 12 03:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78532	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265457	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	130315	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	239640	20.000	ng	0.00
76) Chrysene-d12	14.069	240	134632	20.000	ng	# 0.01
86) Perylene-d12	15.568	264	101696	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	177740	38.490	ng	0.00
7) Phenol-d6	6.504	99	211959	35.108	ng	0.00
23) Nitrobenzene-d5	7.440	82	121157	20.593	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	42536	31.584	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	220198	23.588	ng	0.00
79) Terphenyl-d14	13.010	244	208271	27.123	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.639	202	30355	2.301	ng	95
78) Pyrene	12.874	202	32745	2.835	ng	97
88) Benzo(b)fluoranthene	15.127	252	17256m	2.400	ng	
92) Benzo(g,h,i)perylene	17.551	276	9340	5.553	ng	# 67

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

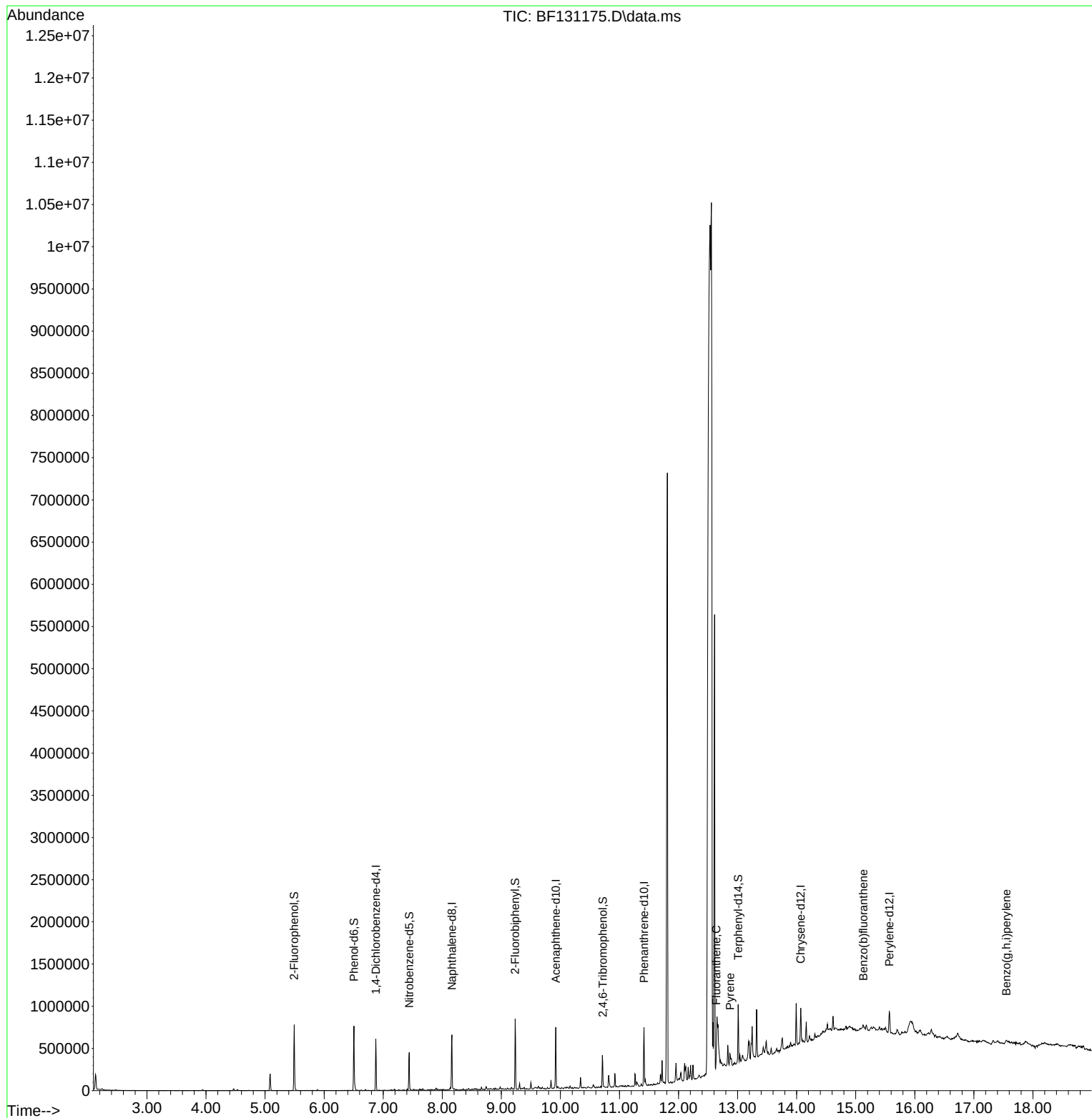
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131175.D
Acq On : 12 Nov 2022 03:07
Operator : CG\JU
Sample : N5501-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

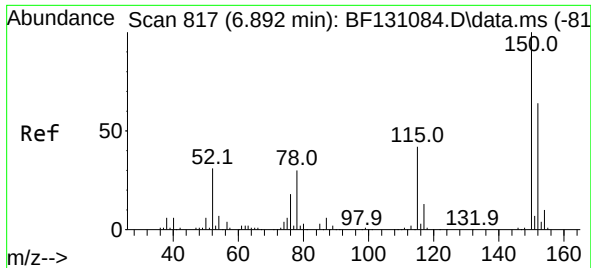
Instrument :
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HS-4-110722

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

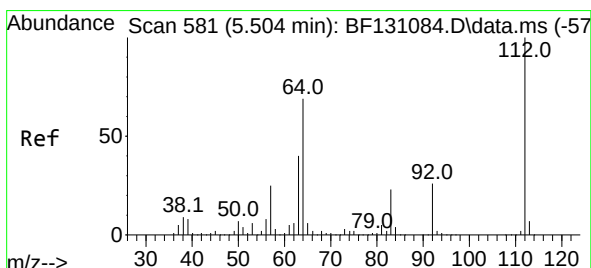
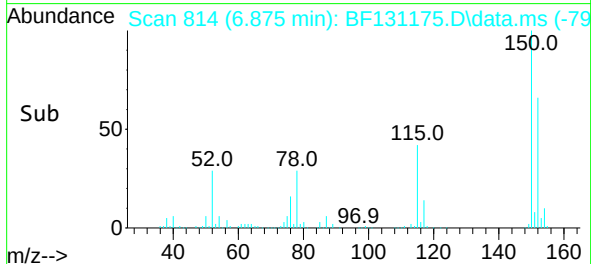
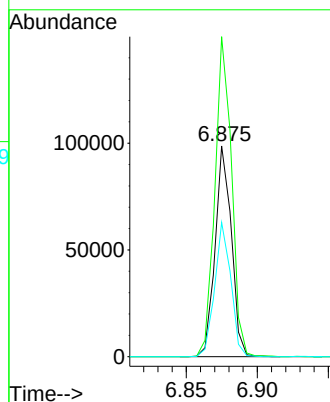
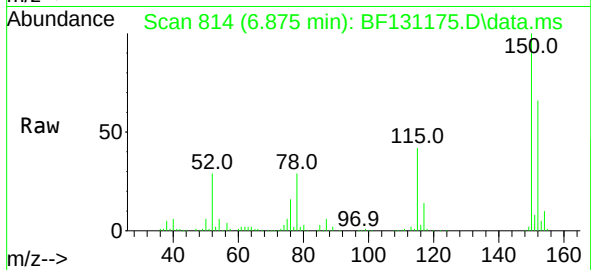
ClientSampleId :

HS-4-110722

Tgt Ion:152 Resp: 7853
Ion Ratio Lower Upper
152 100
150 151.8 125.5 188.3
115 63.7 52.2 78.2

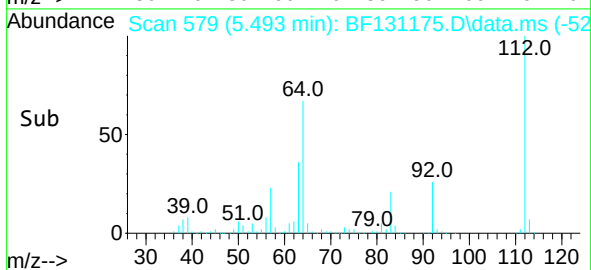
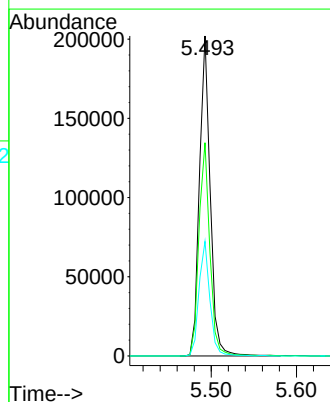
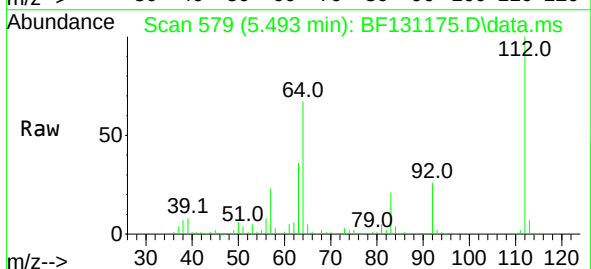
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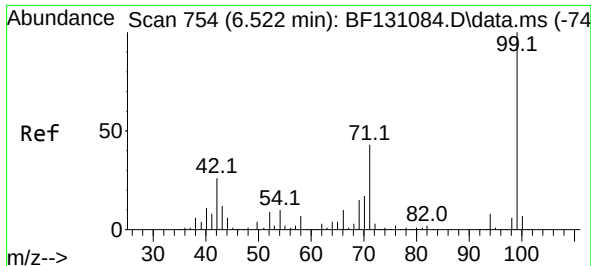
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#5
2-Fluorophenol
Concen: 38.490 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

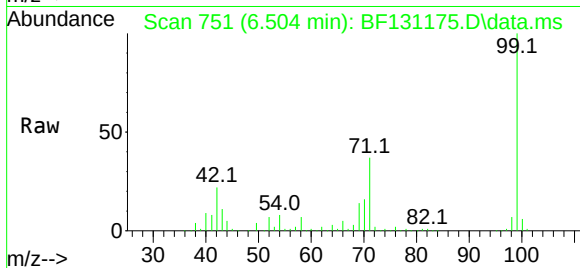
Tgt Ion:112 Resp: 177740
Ion Ratio Lower Upper
112 100
64 66.7 55.1 82.7
63 35.8 32.4 48.6





#7
Phenol-d6
Concen: 35.108 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

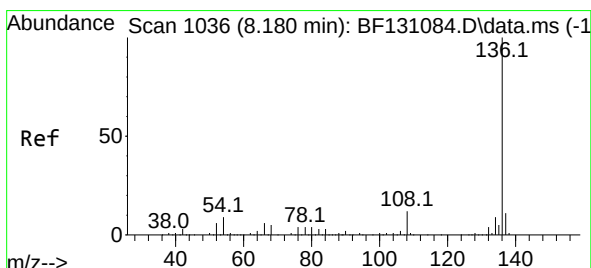
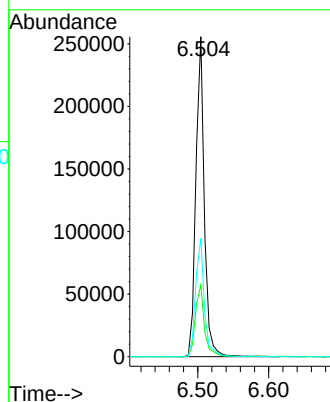
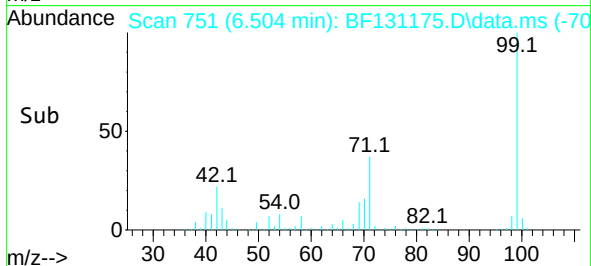
Instrument :
BNA_F
ClientSampleId :
HS-4-110722



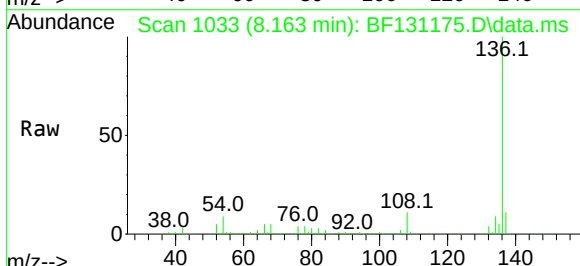
Tgt Ion: 99 Resp: 211959
Ion Ratio Lower Upper
99 100
42 22.3 20.8 31.2
71 36.9 34.2 51.4

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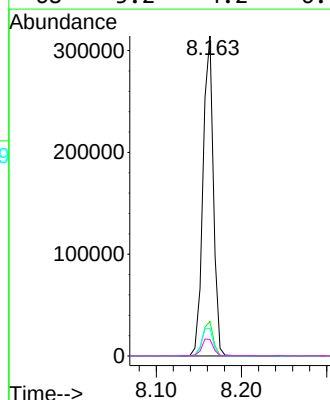
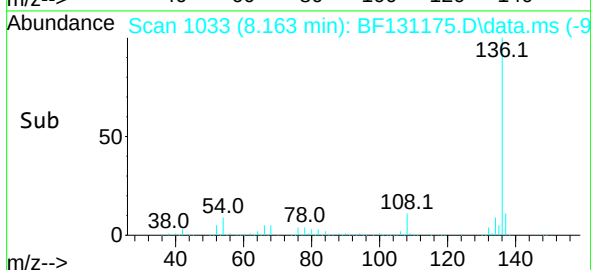
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

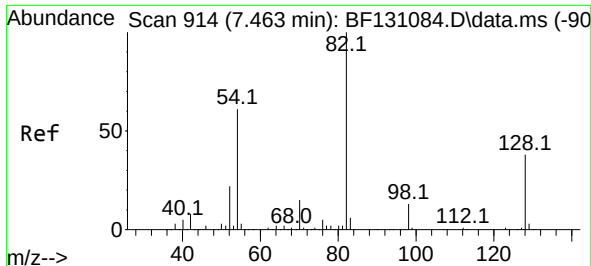


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07



Tgt Ion:136 Resp: 265457
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.7 7.2 10.8
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 20.593 ng

RT: 7.440 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

HS-4-110722

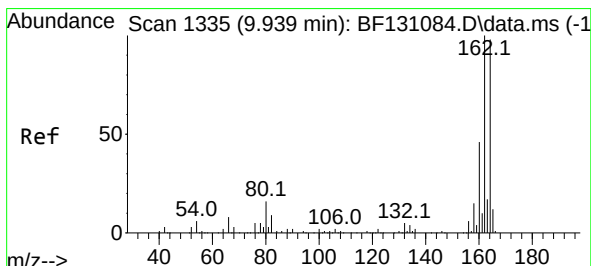
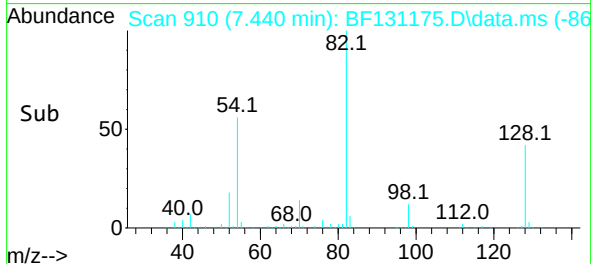
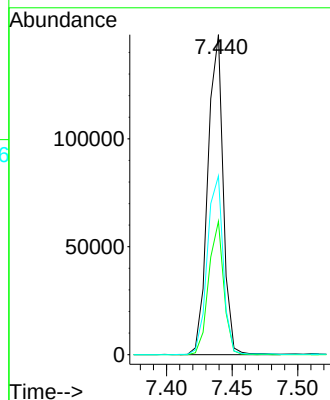
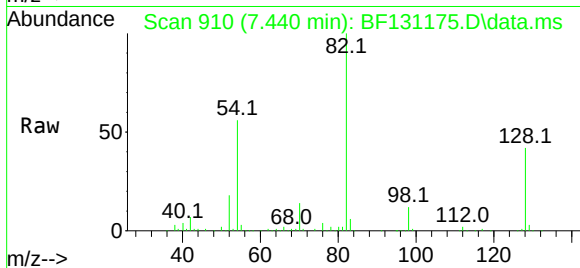
Tgt Ion: 82 Resp: 12115
 Ion Ratio Lower Upper
 82 100
 128 41.7 30.5 45.7
 54 55.9 49.1 73.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

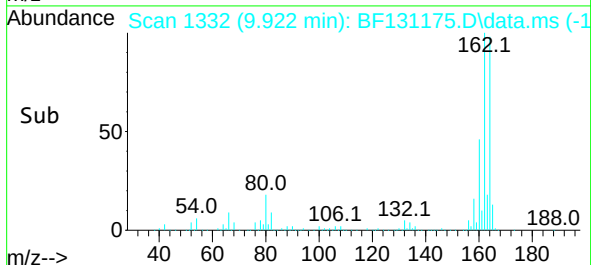
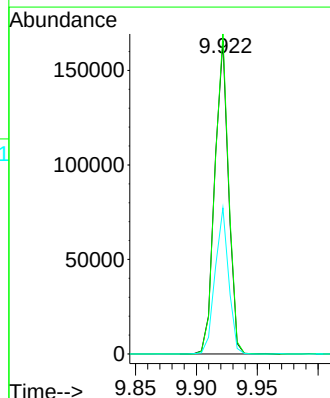
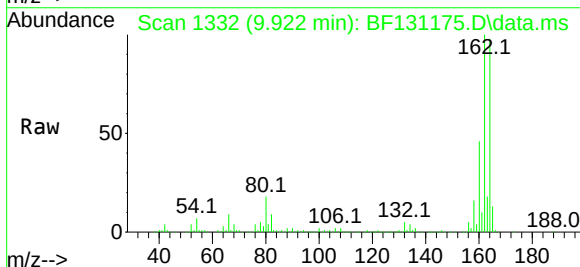
RT: 9.922 min Scan# 1332

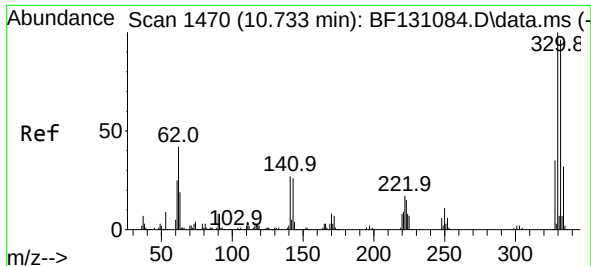
Delta R.T. -0.000 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Tgt Ion:164 Resp: 130315
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.7 122.5
 160 46.6 37.4 56.2





#42
2,4,6-Tribromophenol
Concen: 31.584 ng
RT: 10.716 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

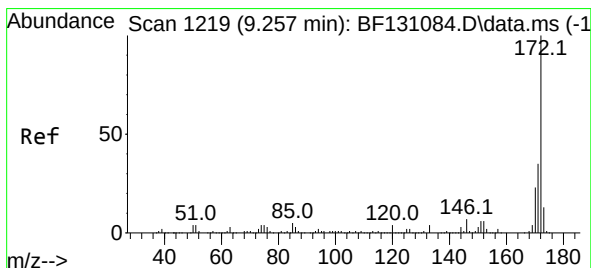
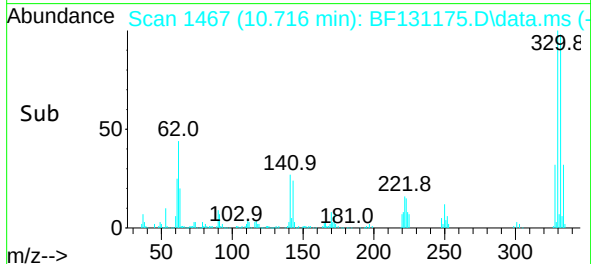
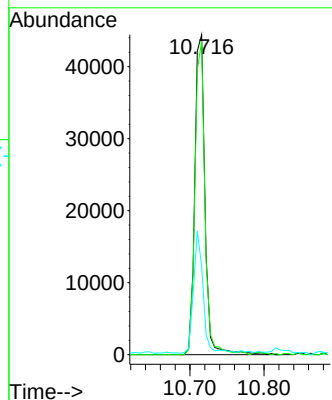
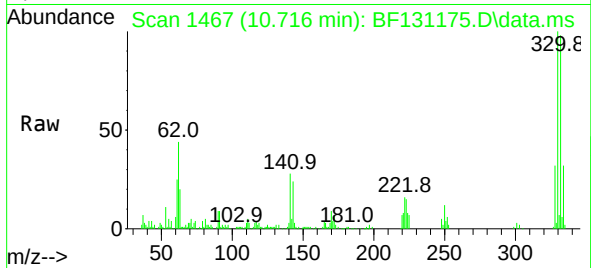
HS-4-110722

Tgt Ion: 330 Resp: 42530
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 35.9 28.5 42.7

Manual Integrations

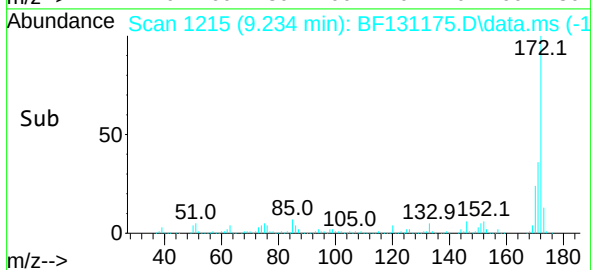
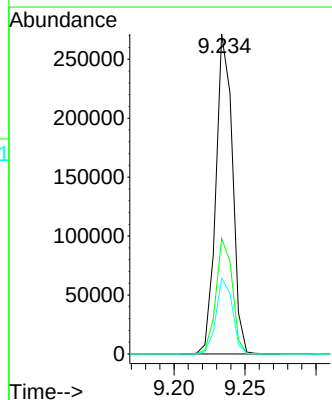
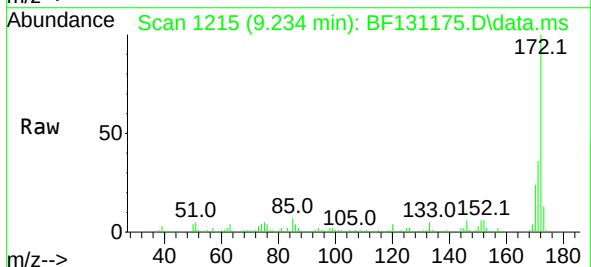
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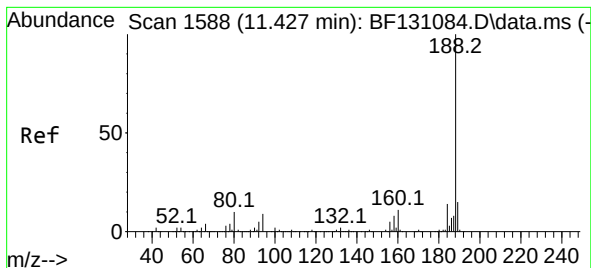
Reviewed By : Christian Giraldo 11/12/2022
Supervised By : Jagrut Upadhyay 11/12/2022



#45
2-Fluorobiphenyl
Concen: 23.588 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

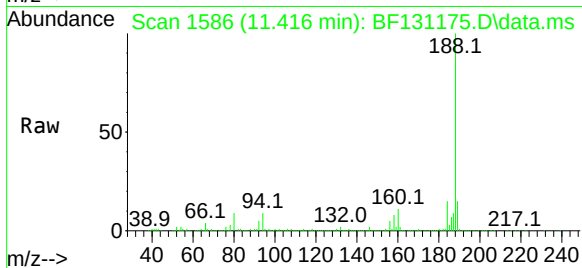
Tgt Ion: 172 Resp: 220198
Ion Ratio Lower Upper
172 100
171 36.1 27.7 41.5
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

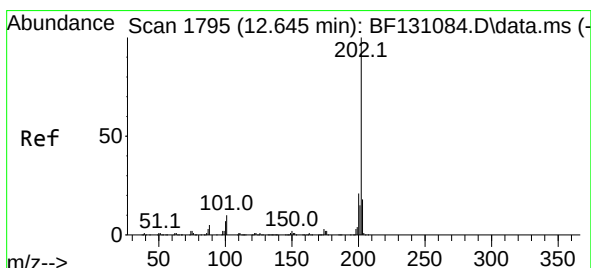
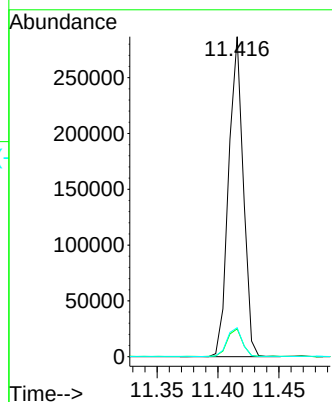
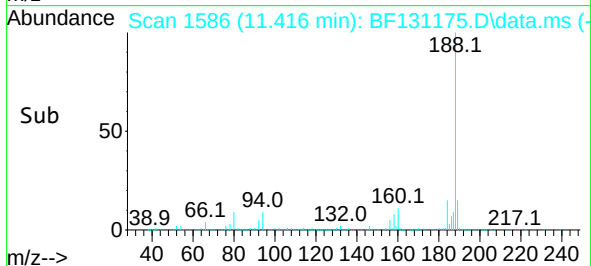
Instrument :
BNA_F
ClientSampleId :
HS-4-110722



Tgt Ion:188 Resp: 239640
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.1 7.9 11.9

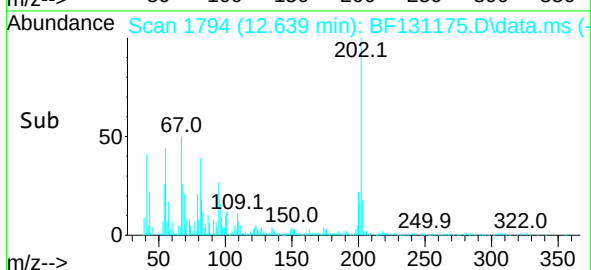
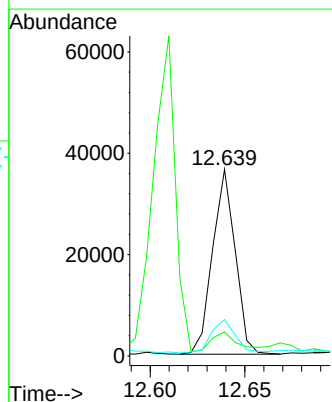
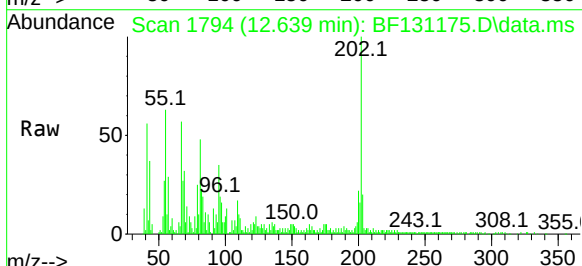
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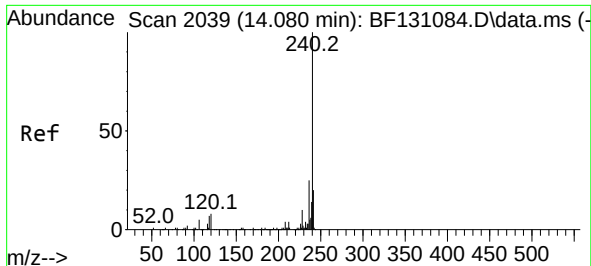
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#75
Fluoranthene
Concen: 2.301 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:202 Resp: 30355
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.0
203 19.5 0.0 37.7





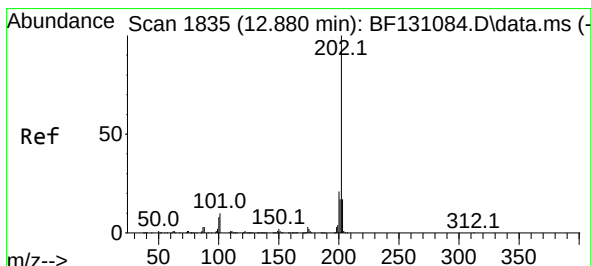
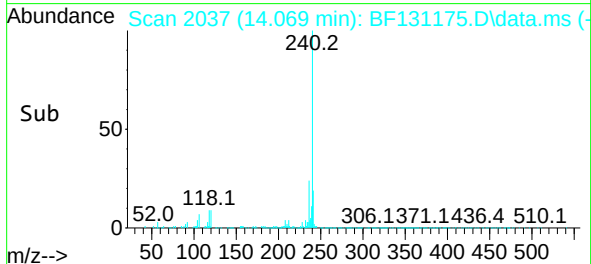
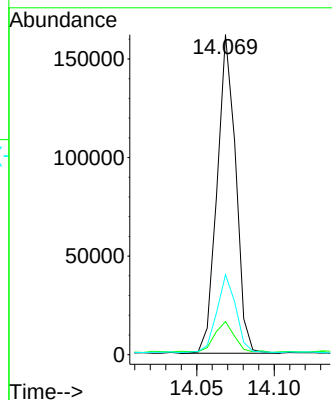
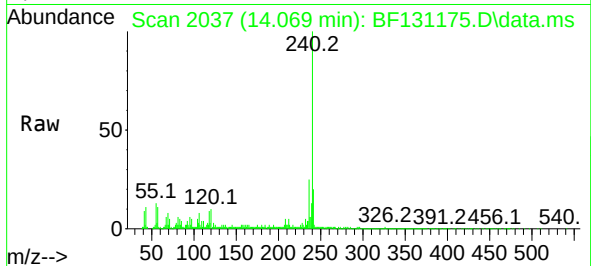
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Instrument :
BNA_F
ClientSampleId :
HS-4-110722

Tgt Ion:240 Resp: 134632
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7
236 25.0 19.7 29.5

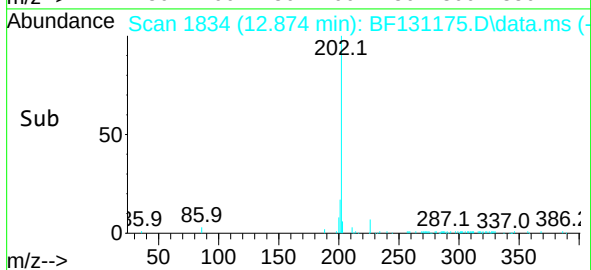
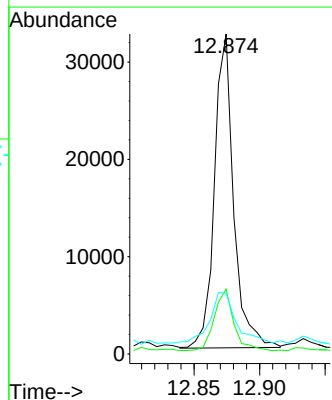
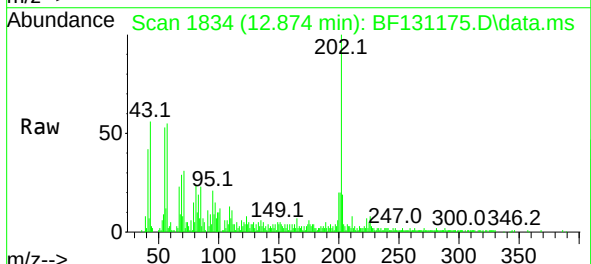
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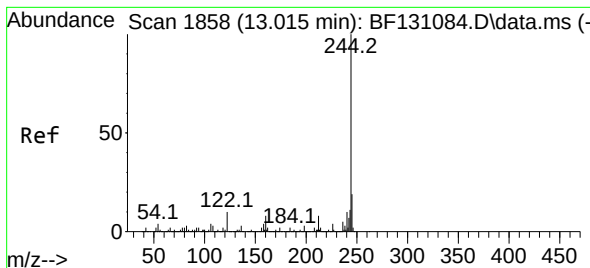
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78
Pyrene
Concen: 2.835 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.018 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:202 Resp: 32745
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 19.0 13.6 20.4





#79

Terphenyl-d14

Concen: 27.123 ng

RT: 13.010 min Scan# 1858

Delta R.T. 0.012 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

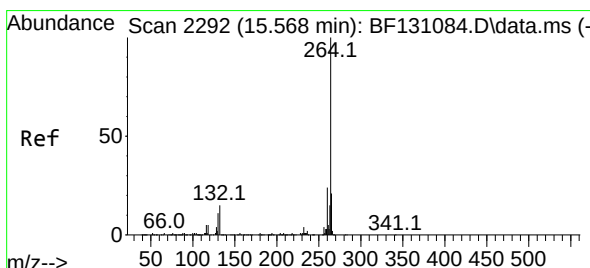
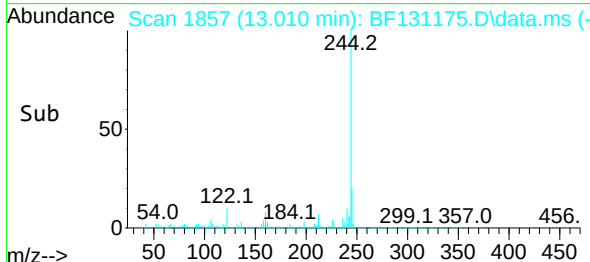
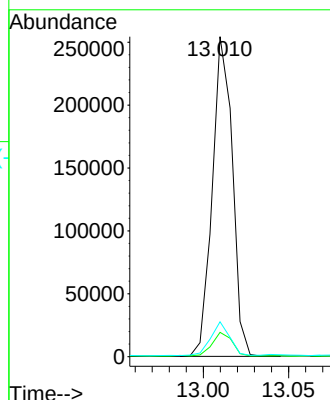
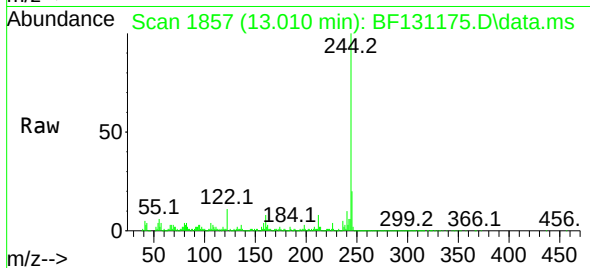
HS-4-110722

Tgt Ion:244 Resp: 20827
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.9 7.8 11.8

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

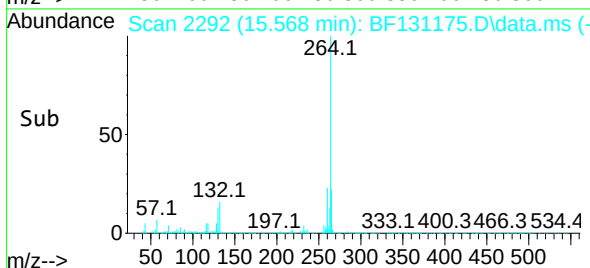
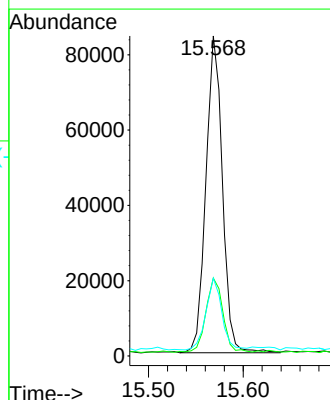
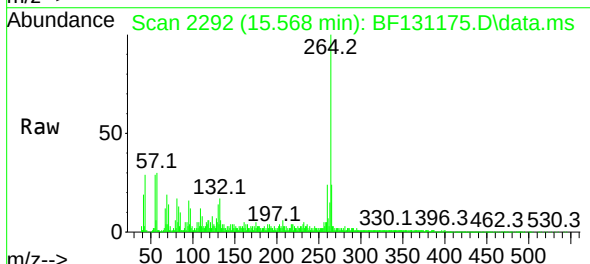
RT: 15.568 min Scan# 2292

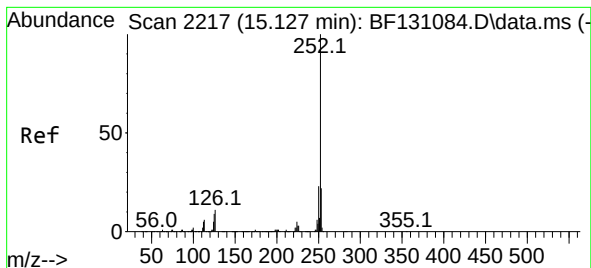
Delta R.T. 0.023 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Tgt Ion:264 Resp: 101696
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 24.3 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.400 ng m

RT: 15.127 min Scan# 2217

Delta R.T. 0.023 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

HS-4-110722

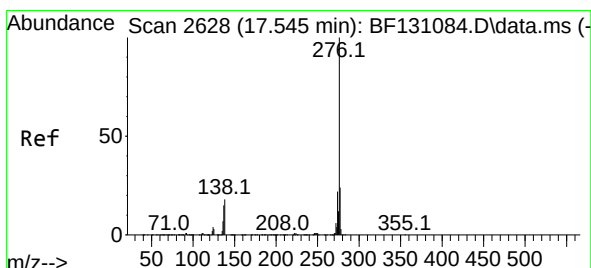
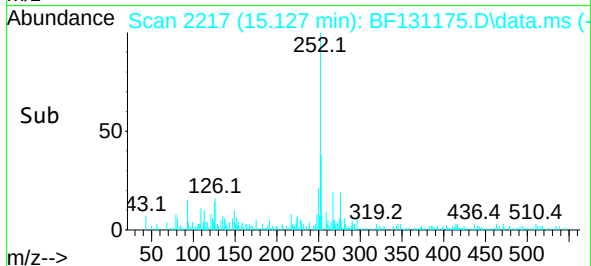
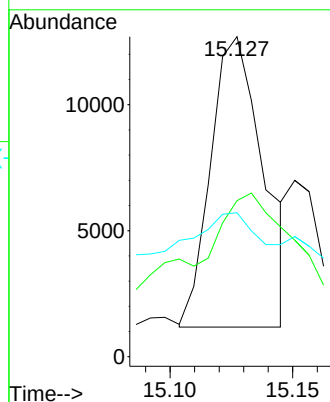
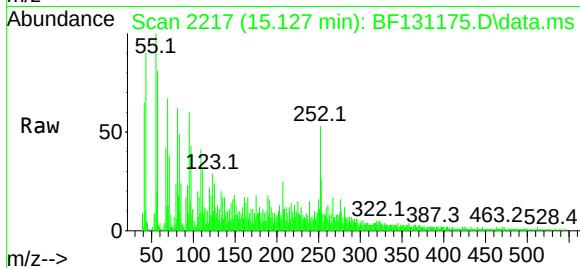
Tgt Ion:252	Resp:	17250
Ion Ratio	Lower	Upper
252	100	
253	48.7	17.3 25.9
125	45.0	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 5.553 ng

RT: 17.551 min Scan# 2629

Delta R.T. 0.035 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Tgt Ion:276	Resp:	9340
Ion Ratio	Lower	Upper
276	100	
277	37.8	19.0 28.4
138	35.3	14.6 21.8

